

<211> 564

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (376)..(556)

<223> n=unknown

<400> 2347

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gttactgcaa caaggaggtta tacaataagg agaatctttt caacagcctg aactatgatg      120
ttgcagccaa gaagagaaag aaggacatgc tgaatagcaa aacaaaaact cagtatttcc      180
accaagaaaa atggatctat gttcacaaag gaagtactaa agagcgccat ggatattgca      240
ccctggggga agctttcaac agactggact tctcaactgc cattctggat tccagaagat      300
ttaactacgt ggtccggctg ttggagctga tagcaaagtc acagctcaca tccttgagtg      360
gcatcgccca aaagancttc atgaatatTT tggaaaaagt ggtactgaaa tccttgaaga      420
ccagcaaaac attagactaa taagggaact actccaganc ctctacacat ccttatgtac      480
actggtccaa agagtcggca agtctgtgct ggtcgggaac attaacatgt ggggtgtatcn      540
gattgagacg attctnccac tggc                                             564
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<210> 2348

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422)..(422)

<223> n=unknown

<400> 2348

ggccaaggaa gtcagcttct cagagctcaa gaggttctgt tttactgtg aatggtaaaa	60
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aaaaccacac cagagaggaa gaactgctct ggtaccgaga ggaggggaga gtggatttga	180
aatctggaaa caaatcaat tccagctctg tctgtgtctc ttccatcagt gaaaatgaca	240
acggaatcag ctttacctgc aggctgggga gggatcagtc cgtgtccgtt tcggtggtgc	300
tgaatgttac ttttcctcct ctccctaagt gaaacgactt ccaaacagtt gaggaaggca	360
gtaatgtgaa gttggtttgc aatgtgaaag ccaaccccca ggctcaaag atgtggtaca	420
anaacagtag tctcctcgat ttagagaaaa gccgtcacc aaatccaaca gacaagtgag	480
tcttttcagc tgtcaatcac caaag	505

<210> 2349

<211> 457

<212> DNA

<213> homo sapiens

<400> 2349

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agtccttctt ttccgactta gtcctcgga agaagtttca gactacaagg tatcattgga	120
acatttcaag atcatcaaat caaattccac agggattggt gaccaaccag aaggctcaga	180
catctgattg ctgacctgtc cagacatcat ctggtctccc tgaacctgaa atcacaccat	240
ggatgatttt gagcgctgca gagaacttag aaggcaaaag agggaggaga tgcgactcga	300
agcagaaaga atcgcttacc agaggaatga cgatgatgaa gaggaggagc ccgggaacgg	360
cgccgcgagc ccgacaggaa cggctgcggc agaagcagga ggaagaatcc ttggacaggt	420
gaccgaccag gtggaggtga atgcccagaa cagtgtg	457

<210> 2350

<211> 449

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (429)..(429)

<223> n=unknown

<400> 2350

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ccttctcggg agtttcattt ctgctgtgtc attttgcatt cttctgcttg ggagcgacag      60
acttgcacat gttattgttg ggtcgaactc cttctgccgc tccagagcct cctgaaggcg      120
tttttgccgt ctttcctcac gccgagccag gcgctccagg aatgcggcct catcatcccc      180
ttccacttga gtgtttgttg tggttgtctt ggcctcctcg tcaggcacac tgttctgggc      240
attcactcca cctggtcggg cacctgtccc aaggattctt cctcctgctt ctgccgcagc      300
cgttcctgtc gggctcggcg gcgcgttccc gggctgtccc tttcatcat cgtcattcct      360
ctggtaagcg attctttctg cttcgagtcg catctcctcc ctcttttgcc ttctaagttc      420
tctgcgagnt caaaatatcc atggtgtga      449
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<210> 2351

<211> 297

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (289)..(289)

<223> n=unknown

<400> 2351

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ggccattgtc aaagccatgg gcaacctgca gatcgacttt gccgaccctt ccagagcgga      60
cgacgccagg cagctatttg cactgtcctg caccgccgag gagcaaggcg tgctccctga      120
tgacctgtcc ggcgtcatcc ggaggctctg ggctgaccat ggtgtgcagg cctgctttgg      180
ccgctcaagg gaataccagc tcaacgactc agctgcctac tacctgaacg acctggagcg      240
tattgcacag agtgactaca tccccacaca gcaagatgtg ctacggaanc cgcgtaa      297
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<210> 2352

<211> 251

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(150)

<223> n=unknown

<400> 2352

ttccaggaan gngggcgtct cacgccnctt gngctttttc ctttggggcc tccgagcggc 60

tggggctngg ggactgggca ggnccgggcan cgnnaanatt tggacttggg ctggggcagg 120

ggctggtgtt gggcaaagct ggggggtccan gctggagaag cagggggcccc tccagacgca 180

gccttgggag actcagcatg tgccccctc cctcatcac agaacaagac aatgggttaa 240

aaccagaaca g 251

<210> 2353

<211> 495

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (269)..(281)

<223> n=unknown

<220>

<221> misc_feature

<222> (438)..(438)

<223> n=unknown

<400> 2353

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tctatgggtt gtatgcatcc tttttcccag ccataatcta ccttttcttc ggcacttcca	120
gacacatata cgtgggtccg ttcccgattc tgagtatgat ggtgggacta gcagtttcag	180
gagcagtttc aaaagcagtc ccagatcgca atgcaactac tttgggattg cctaacaact	240
cgaataattc ttcactactg gatgaagann ngntgangnt ngcggcgggc gcatcagtc	300
cagtgccttc tggaatcata cagttggctt ttgggattct gcggattgga tttgtagtga	360
tatacctgtc tgagtccttc atcagtggtt tcaactactgc tgctgctgtt catgttttgg	420
ttcccaactc aaattcantt ttcagttgac agtcccgta cacactgatc cagtttcaat	480
ttcaagtact atact	495

<210> 2354

<211> 494

<212> DNA

<213> homo sapiens

<400> 2354

aaattatgag attcaaaaaca gtggcgccac tatactgcta aacctatgca tgaaggtagt	60
gactaggatg gaaatctgtc agtgctacaa aaatatgtat gaacaaaata attttcacc	120
tttgataaag ctacaagata taaaatttag aatacttata taatttcata ctagatatgt	180
gaaaaatatg ccatgctaga accatcttgt tccaaagttt gaaacatatt ctgtcaaaaa	240
tactcttcgt acaatgtatg aacttatcaa taactttctg ggtataaagt tgtttttatg	300
tcatagtcag atgaagatcc ttctgaatta tatgttgatt agaattttgt ttcaactggc	360
acctcatata cccgattacg taatcctcca tttgtattta tggtaaaatc caatttttcc	420
atctttttcc tgactgggat taaactttga agtactgtaa tcttccttca tcaaaatatg	480
caaaacagca tcat	494

<210> 2355

<211> 367

<212> DNA

<213> homo sapiens

<400> 2355

cacagagcaa ggagagaacc tgaggattcc tcacacatgt agtactcaga gctctacgga	60
aaccagga cctcgacctc aagaggatca gcctggccag ggtggcaca ctcttccttc	120

cccgatgcaca gcaggaaagc tgccatcagc tgagcaagtc caccaacagt ttctgtgtcc	180
cacttcatct ttaataagga caccatcttc ttgtattata caagaaagga gtgtacctat	240
cacacacagg gggaaaaatg ctcttttggg, tgctaggctc ctaatcctct gtggtttctg	300
tggactcgta aagggaaact aaagattgaa gacatcactg gtaagtacat tttatccctg	360
gatgtga	367

<210> 2356

<211> 556

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (27) .. (30)

<223> n=unknown

<400> 2356

acttaacatt cacaagttac tgtaaangnn ggggaccata agcatggggc aggccacggt	60
aaagatcatt ttgaatgggc aagtctttca atttccctta catcacacca agcaggcaaa	120
gcctaaatac agggcaggac ttgcctatgt gatgtaccat tccagccctc cttttcaaag	180
aaaacttgag cagggaccct gggataccac cagcgatggt gggactccct tttgcaatcc	240
aaataagcac gatctaaatg agtccagggt ggagcagata aggaatgggg ttgaaaagga	300
gatgtgttct tgaaatcggc caatttcata gcctggagga gacatttgtg gttagctgag	360
tcacactgcc ttgggattag ccagctctgc tttctgtttc aacaataaaa agtcttgcaa	420
agctgctggc atgtgagaca gaggtatcca gaaaattttg gcatcttttc cagcggcata	480
atgagtctta gggaagagac ttgttagagc gtggtccatg cactctacca ccggagagag	540
gtccatgttc acatag	556

<210> 2357

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (54)..(68)

<223> n=unknown

<220>

<221> misc_feature

<222> (348)..(389)

<223> n=unknown

<400> 2357

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gagcatcttc agcgggagag tccccggctc ctccagctcc ttctctctct tccntctcct    60
cctccaanct ccggcttttg ggggatcatg tctctctctg gcagcagaat gagccggcaa    120
gtggtccgct caacaagttc cgccactgtt tggacagccg gccaaaggccg accagtgtcta    180
tgaagatgtg cgcgtctcaa cagaccacct gggacagtgg cttctgtgct gtcaacccta    240
agtttgtggc cctgatctgt gaggccagcg ggggaggggc ttcttggtgc tgccccctggg    300
caagactgga cgtgtggaca agaatgcgcc cacggtctgt ggccacanaa gcccctgtgc    360
tagacatgcc tggtgcccg cacaatgacna cgt                                     393
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<210> 2358

<211> 278

<212> DNA

<213> homo sapiens

<400> 2358

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gccatgtggc tgggaatggg aggtgagtgg atgggtgtga atggctgacc ctgctggagg    60
ccctgcgggg ctctacttgg cctggactgt ctctccagc ctgtccaagc gcttctggag    120
ctctgcacc gtggcctgga gcttccgcat ctctctctcc agccgagaca cggcatccga    180
gctgggagtg ccaactggct ctggtgctgc cctctgccc cgggtgtcca ggccccgggt    240
gaccctcagc tcccggctct ttgggggtac gtagccat                                     278
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<210> 2359
<211> 218
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (78)..(93)
<223> n=unknown

<220>
<221> misc_feature
<222> (212)..(217)
<223> n=unknown

<400> 2359
gaaatataca aatgataaat ccaagtgtgg gaacagcagt aatgaacttt aaagaagaag 60
caaaggcact aggggtgnnn cagatnatgn ttngattgat gcacattggt tttggaattg 120
ttttgtgttt aatatccttc tcttttagag aagtattagg tttgcctct actgctgtta 180
ttggtggata cccattctgg ggtggccttt cntttant 218

<210> 2360
<211> 392
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (33)..(390)
<223> n=unknown

<400> 2360
 acaaatatcc atcaatagga taaacagcaa tanattctta aaatggaata gtatgcaaaa 60
 tgaaaataca ctactgccac atgcaataat gtacagatct taaaaaattg agtgaaataa 120
 gcnanacaca aaatnattca tgntgtctga taaaatatat atttataaaa ttgnaaacat 180
 gcanaaacta cgttttgatg ttataggcta cggaagtgga nactcttagg taagtancaa 240
 ctaactgctt tttattacag ngtgcaatga gaaatatngt tcataaatan tntctcttat 300
 ggagattnat acttanaatc attgtgtatc ntgtcnctgc atgtattata taagtatttt 360
 taaaaaanaa actatttnag tcagtaggan ga 392

<210> 2361

<211> 492

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (416)..(416)

<223> n=unknown

<400> 2361
 tctgctcagc ctggtgaacc acacaggccc gagtttcacc cagtcccccac tccacgggtgc 60
 agctgcggtc tatctctcag cccagcgaga tgccagcctt cctgtcccgg gccagcgctc 120
 tgacatgcag aaggtgaccc tgggcctgct tgtgttcctg gcaggctttc ctgtcctgga 180
 cgccaatgac ctagaagata aaaacagtcc tttctactat gactggcaca gcctccaggt 240
 tggcgggctc atctgcgctg gggttctgtg cgccatgggc atcatcatcg tcatgagtgc 300
 aaaatgcaaa tgcaagtttg gccagaagtc cggtcaccat ccaggggaga tccaactctc 360
 atcaccccag gctcagccca aagctgatga ggacagacca gtgaaattgg gtggangacc 420
 gttctctgtc ccaggctctg tctctgcaca gaacttgaac tccaggatgg aattcttctc 480
 cctctgctgg ga 492

<210> 2362

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (351)..(437)

<223> n=unknown

<400> 2362

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agaccctctt gcgagaggtg agatgaggcc ctgccatgca aaggagtccc agcagaggag      60
gaagaattcc atcctggagt tcaagtttct gtgcagagac aggacctggg gacagagaac      120
ggtcctccac ccaatttcag ctggtctgtc ctcacagct ttgggctgag cctgggggtga      180
tgagaggtgg agtctccctt ggatggtgac cggacttctg gccaaacttg catttgcatt      240
ttgcactcat gacgatgatg atgcccattg cgcacagAAC cccagcgcag atgagcccgc      300
caacctggag gctgtgcagt catagtagaa aggactgttt ttatcttcta ngtcattggc      360
gtcaggacaa ggaaacctgc aaggaacaca agcaggccca ggtcaccttc tgcattgacg      420
agcgtggccc gggacangaa ggctggcatc tcgcttgggc      460
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<210> 2363

<211> 522

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422)..(490)

<223> n=unknown

<400> 2363

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aagaaatcca caaagactca cagtctgctg gtgggcagag aagacagaaa cgacatgagc      60
acagcaggaa aagtaatcaa atgcaaagca gctgtgctat gggaggtaaa gaaacccttt      120
tccattgagg atgtggaggt tgcacctcct aaggcttatg aagttcgcat taagatgggt      180
```

gctgtaggaa tctgtcgac agatgaccac gtggtagtg gcaacctggt gacccccctt	240
cctgtgattt taggcatga ggcagccggc atcgtggaga gtgttgaga aggggtgact	300
acagtcaaac caggtgataa agtcatcccg ctctttactc ctcagtgtgg aaaatgcaga	360
gtttgtaaaa acccgagag caactactgc ttgaaaaatg atctaggcaa tcctcggggg	420
ancctgcagg atggcaccag gaggttcacc tgcaggggga agcccattca ccactttcct	480
tggcaccagn acttcttccc agtacacggt ggtggatgag aa	522

<210> 2364

<211> 359

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (134)..(172)

<223> n=unknown

<220>

<221> misc_feature

<222> (288)..(359)

<223> n=unknown

<400> 2364

atatgaaata gaatgtagat attgcaacaa tagcattttt ggagacagct acctccttta	60
ccaggaataa tctttgcatg tcacatttag agataaagct caaaatgcaa atccttcccc	120
tgagagtggg aaancattaa caaatgagag tgggaaaagc attaacaaag cnttaacaca	180
ggtctttaca tattcaaaat attaaactaa tgctaggatt atagacttga ttttaagaca	240
tggtagttaa tagaaaagtt ctagattgaa aacaattttg caaaaatnta catttgtnta	300
tgtgtatata tgtatgtgna natatanntc tactagggaa atatagtgct taaggggtgn	359

<210> 2365

<211> 565

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (499)..(499)

<223> n=unknown

<400> 2365

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gcctccggag cgttgacaca cctacctgcc cggccgactt acctgtactt gccgcegtcc      60
cggctcacct ggcggtgccc gaggagtagt cgctggagtc cgcgcctccc tgggactgca      120
atgtgccggt cttagctgct gcctgagagg atgtctgggg tgtccgagcc cctgagccga      180
gtaaagttgg gcacattacg ccggcctgaa ggccctgcag agcccatggg ggtggtacca      240
gtagatgtgg aaaaggagga cgtgcgtatc ctcaaggtct gcttctatag caacagcttc      300
aatcctggga agaacttcaa actgggtcaa tgcactgtcc agacggagat ccgggagatc      360
atcacctcca tctgtctgag cgggceggatc gggcccaaca tccggttggc tgagtgttat      420
gggctgaggc tgaagcacat gaagtccgat gagatccact ggctgcaccc acagatgaca      480
gtgggtgaag tgcaggacna gtatgagtgt ctgcacgttg aagccgatgg agtatgactt      540
caatccgtac ttgcagagct tcatg                                           565
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<210> 2366

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (117)..(422)

<223> n=unknown

<400> 2366

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aaatagaaag aagttaaaag aatgtttatg caaacacatg agaaaagaag ggtgcagatg      60
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agaatggggg ttggggagag aaagaggagg agtaagaaaa gagggaaaag caagggnaag 120
 taaaggaaga aagagaaaga ggggcaggaa gagagcggat ttggcccaag gtcctatctt 180
 ggccgcanct ctctgcnnct tccccctgat gcttggtntg ttgacaacac agcancngt 240
 gccnggactc ccaatnagct tgttcctgga ctgtgccccca ggnccctcct caggagggca 300
 catnctgtca gtccagacca aactcacatt aaataaattt caatatacac tgtacaagaa 360
 tgccaggccc ancccnctc tcacnngntn cctgancccc aaaacaaaagc tcctccccag 420
 cntctctgtg catca 435

<210> 2367

<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (28) .. (28)

<223> n=unknown

<220>

<221> misc_feature

<222> (147) .. (184)

<223> n=unknown

<220>

<221> misc_feature

<222> (349) .. (349)

<223> n=unknown

<400> 2367

gactcagtct ccagttctccc tgcccgtnac ccttgagag ccggcctcca tctcctgcag 60
 gtctagtcag agcctcctcc atagtgatga atacaactat ttggattggt acctgcagaa 120
 gccagggcag tctccacagc tcctgancta tttgggttct aagcgggcct ccgggggtccc 180

tganagggttc agtggcagcg gatcaggcac agattttacc ctgaaaatca gcagagtgga	240
ggctgaggat gttgggggttt attactgcat gcaatctcta caaactccat acacttttgg	300
ccaggggacc aagctggaca tcaaacgaac tgtggctgca ccatctgtnt tcatcttccc	360
gccatctgat gagcagttga aatctggaac tgctctgttg tgtgctgct gaataacttc	420
tatcccagag aggccaaagt acagtggaag gtggataacg cctccaatc gggtaactcc	480
caggagag	488

<210> 2368

<211> 533

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (431)..(509)

<223> n=unknown

<400> 2368	
aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc	60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa	120
cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg	180
caggcgtaga gtttgtgttt ctcgtagtct gctttgctca gcgtcagggt gctgctgagg	240
ctgtaggtgc tgctcttgct gtctgctct gtgacactct cctgggagtt acccgattgg	300
agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg	360
cacacaacag aggcagttcc agatttcaac tgctcatcag atggcgggaa gatgaagaca	420
gatggtgcaa ncacagttcg tttgatgtcc aacttgggtcc cctggccaaa agtgtatgga	480
gttgtaagag anttcatgca gtaataaanc ccaacatcct cagcttcaat ctg	533

<210> 2369

<211> 496

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (446)..(486)

<223> n=unknown

<400> 2369

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ggcctatggc catgagatac ccctgaggaa cgggaccctg ggtggctcct ttgtctcccc      60
cagccccctc tccaccagca gccccatcct cagtgtgac agcacttcag tggggagttt      120
cccgtcggga gagagcagtg accaggggtcc ccggacgcc acccagcctc tgttgagtc      180
tggtctccgc tcaggcagcc tgggacagcc cagcccgtct gccagagaa actaccagag      240
ctcttctcct ctcccgactg tgggcagtag ctacagcagc cccgactact cacttcagca      300
tttcagctcc tctccgaaa gccaggctcg agctcagttc agtgtggctg gcgtccacac      360
ggtgcctggg agccctcagg cggccacaga acagtgggca caacactccc ctagtctggt      420
tcgcggcggg catcaatcca gcatgntgcc ccagagtcca gttgagcata cagatgtggt      480
cacagnatgc ttcatg                                         496
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<210> 2370

<211> 269

<212> DNA

<213> homo sapiens

<400> 2370

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aaaattcagt aaatatggta atataggaac aaacttaggc tcataagcct tttaactttt      60
tacataatct ttaatgatgt tgatcaggaa attctttcat tggtggaatt acttctccag      120
tctccagaat tgtatcacca gggaaatattc tggacttctt ttcaactatg ccatatgggt      180
tttcagaaac atgatacttc atgtaataat gaataatcca gacaggtaca agtacatgag      240
tgaaaacaaa gatactcttt ttgtatacc                               269
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<210> 2371

<211> 567

<212> DNA

<213> homo sapiens

<400> 2371

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caaaaattgg ctaggcattt caaatgtgat acaataaaat attaacacaa aagtaatttc      60
tatttataaa atttaaaatg gcagggttttc tgtgtgacgt ttgagtttga gatgatttga     120
ctggcatgag gcccatcatt gggagggtaaa aattacagca caaagaaaac taagcagggtg     180
catatgaggt attgtctctt tatgtctcatc aaaaaataat ctccaaaaga aaagttaaaa     240
aaattattgt tataaattgc atgaaataca tagtgggctc gattcatagc ccccgtcctg      300
atctatatct ctatatctat agagacataa cttctttctt cgtaagttat gtatgtctac     360
ttctacctgt gttatcataa taaagggtgc atgatgatac aggtggaggt agaaatatat     420
aacttatctc ttcataaggg ctaaaatgag aactaaaagt aatgagaatt cagttgaata     480
tgattaatta tcaggatatg ttaattagtt ctcttgatgc ttactgtgga tggcaaagta     540
tgtgacgtat tttaaacatt ttataat                                           567
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<210> 2372

<211> 518

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (378)..(378)

<223> n=unknown

<400> 2372

```
atatttctct gttgttgcca ggttaccttc tgcttttaaa ttgccatctt gtaaagtgta      60
tgtggttctt aagtgccagg gagatcagcc ttgccatga aggttgcata tgtgtggtat     120
atagttttta cctgaaagcc tgagctttct cttattccta aagtgggtggc aaaagaatga     180
actgggtatg accctgcccc ctactgggc ttggatattg aggaccagac gctgccaaat     240
ctaggacaag acagaccatc aaagcagact tttgtgggct cctctttggg gtgaccactg     300
ctttcaaagc catctgccaa ggctctccag ggcaggacct gactggtggg gaatgagtgt     360
```

tcagaagcct tgggagangc caaagagcca ttctagcatg atctgagaaa accttcctgc	420
agaggccaga aaccttgagc ttaggtgcct ggggaccagc ttctgacatt ctctccagtt	480
tctgattcta atttttgcc a cgtgtcacaa cttttcca	518

<210> 2373

<211> 352

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(6)

<223> n=unknown

<220>

<221> misc_feature

<222> (322)..(322)

<223> n=unknown

<400> 2373	
attngnttct gttcatcagc aaaaagcttt attggctcca acaaattatc ccttttaaaa	60
ctcctcttct tcttctgggc tcagtggaac aacacatttg aatttcagat ttgcagttta	120
tagcattttt tttccctaag aaccatataa atacatgcaa aaccttgtag atagagctta	180
aataatatca aaatgcaa atagattggg tgcactgtta agccgaattg caaattatgg	240
caacacacac tggactgggg gaaacggtgc tttgataaca ccatttgttt gtttatgtca	300
tgcagaccac aatagtcaat cntttggttt tcttttttgg acaaaaatac ca	352

<210> 2374

<211> 351

<212> DNA

<213> homo sapiens

<400> 2374
 ccgaccggag ccagccggtc tgtgaggcat gtcacgctgg gtcccgggtca aagtccactg 60
 tccagagaag tcattcttctt aggccttgcc cctgcctgtc cagaggcatg gggctcgcca 120
 gaacctggcc cagcagagtc ttctgcagat atggacggat cagggaggca cagcacattt 180
 ggctgcagac aatttcatgc tgaaaaggag attatttttc agggcccat ttctgctgca 240
 gggaagggtg gtgattattt tgcaacagaa gagtcagtgg gtaccagac ttctgtcagg 300
 caactccagt taggcctaa agaagggttc agtgggcaaa tccagttcac a 351

<210> 2375

<211> 457

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (410)..(410)

<223> n=unknown

<400> 2375
 tgtagggaac aggagtttag caaaatcagc ttcttagatg atgtcattct aaatatacat 60
 cttaaacaaa caatatcaaa accaccagta ggaaactgaa aaacactcag tgagtactgt 120
 tttgtctcag taacaataaa tacaaaaaga ctggttgtgt tccggcccca tccaaccag 180
 aagttgattt ctcttggtgtg cagagtgact gattttaaaag gacatggagc ttgtcacaat 240
 gtcacaatgt cacagtgtga agggcacact cactcccgcg tgattcacat ttagcaacca 300
 acaatagctc atgagtccat acttgtaaact acttttggca gaatacttct tgaaacttgc 360
 agatgataat taaggttcca agatatttcc caaagtaaact agaagtgggn cataatatta 420
 attacctgtt cacatcagct tccattttac aagtcac 457

<210> 2376

<211> 400

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (65)..(171)

<223> n=unknown

<400> 2376

```
taggaacaca gtccacattc aagttgagga acagtggatc tttaagagct gacctttggg      60
gtganctggg aaaaggggga agatggctaa gcatggagag aaacgaggca agagacaagc      120
tatgattaca acaccgnttt cagccccctg gccctcaata gcacacaanc nacatatcag      180
ctttctgaag agaaggaact actgtttagt gtcctcact ttgcaatggt gtgctacgcc      240
agaattttctc cagttttttt cattatcatc cccctgagaa aaaaattaca ttgaatttaa      300
attttccta ataagagaaa ttaaatatga aagaatagga tttgttgggt aagattgagc      360
tttgaaggt cacgaacat tattctatct aaggtgtgtg      400
```

<210> 2377

<211> 223

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (185)..(185)

<223> n=unknown

<400> 2377

```
ttacaaaaat atgccaccgt ctggtacaaa caactataaa aaatcagttc atcatgcaag      60
aaaagtgtgc aaataattta tacagaagga ctcagctcac acaatattaa ataaacatct      120
ctgcatgtaa ttggtctaac tttatgcttt agttacaatg ttcaaccccc tctaatactt      180
ttcanttaaa aaagtacatt aaagcttcta agcttaggac aca      223
```

<210> 2378

<211> 421

<212> DNA

<213> homo sapiens

<400> 2378

```
atggagatga ccaccatcag ctccaggctt ctatcctgct aaccagtaa cccagtggga      60
agagatttac ttattccaat aattccaagt ggagagtgtc attgaccgtt ttgggggtctc    120
atctctactt ctaggggaat gaaacactct gagtggccag gcctgtgtca tgtgctaatt    180
cctagagcca gggaaataag gtctgaggat tcaggatggg gtgaaagggtg gttgcttaaa    240
ggaaaatgaa atacaattag cagaataagg ggaaacgagt ggtctgctct gctcgggcaa    300
aacaagagat gccattact gtgaggggacc cttgaagtct ggactcttaa atgggttttt    360
gctgatttcc tgggtgcatg ctaggatgat ggggcttgat gcagtaggga agagacgatg    420
t                                                                           421
```

<210> 2379

<211> 393

<212> DNA

<213> homo sapiens

<400> 2379

```
ctactgcac aagccccatc atcctagcat gcaccagga aatcagcaaa aaccatttta      60
agagtccaga cttcaagggg ccctcacagt aatgggcac tcttgttttg cccgagcaga    120
gcagaccact cgtttccctt tattctgcta attgtatttc attttccttt aagcaaccac    180
ctttcacccc atcctgaatc ctcagacctt atttccttgg ctctaggaat tagcacatga    240
cacaggcctg gccactcaga gtgtttcatt ccctagaag tagagatgag accccaaacg    300
ggccaatgac actctccact tggaattatt ggaataagta aatctcttcc cactgggtta    360
ctgggttagc aggatagaag cctggagctg atg                                   393
```

<210> 2380

<211> 159

<212> DNA

<213> homo sapiens

<400> 2380
 cgacgccggc gtgatgtggc ttccgctggg gctgctcctg gctgtgctgc tgctggccgt 60
 cctctgcaaa gtttacttgg gactattctc tggcagctcc ccgaatcctt tctccgaaga 120
 tgtcaaacgg cccccagcgc ccttggtaac tgacaagga 159

<210> 2381

<211> 478

<212> DNA

<213> homo sapiens

<400> 2381
 acacgaacta caaagagacc ttctgtatgt ctgataccaa agacataact gaaaagtcac 60
 ttttccaaac cttgagcttg cattcaccta cctgtctaac cctcacatgt gctaattaac 120
 tgcaaatgcc atttctgggc ttcacacaca ttccgtggct ttcccttttc tgatgtgact 180
 tcctccctt accccacacc tccctgcact gtccctgct gtgcccttgg ctggaatgcc 240
 ctgcagcctg cttcagccca gcaaagtatt catcttacca gtccatgccc tgactcctga 300
 tgtcacctt cctgcatca ccttccctg tgtatttggg ggataaggct tgattgaggc 360
 tcaggtactg agtccctgct ggcacattga gaaccagctg ccaccccgat gataaggaag 420
 acagaccgg gacttccata tgaattggat atgatcatct gacatgcacc ctactaac 478

<210> 2382

<211> 514

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (81)..(81)

<223> n=unknown

<220>

<221> misc_feature

<222> (386)..(386)

<223> n=unknown

<400> 2382

```
agcctccacc ctggcgatgg ctccctgggc ctactttctc tctcaaactg gctttttctc      60
attcctttga ctccgccaga nttcctcgcc cccatgacct ggtgttgtgt ctgatcacc      120
caacattcct ggctgcccaa tgtggggcaa tgaagacccc agtgaaggaa tgctagagt      180
tgtgaaagtg gaggacgcat cgtcaaagga cacctgagga cgtctcaaag aagctcggcg      240
ggagagctga gcgctcggaa gaaccaagaa tcatctcttt tgaaaaatcg attcatcaaa      300
tgaatcttca gccacaact gttcaagaag gattcaaata tcacaggttc cgagaagtaa      360
agctttggag gtcacaaaat tagcantaga agctgggttc cgccatatag attctgctga      420
cgcatacaat aatgaggagc aggttggact ggccatccga agcaagattg cagatggcag      480
tgtgaagaga gaagacatat tctacacttc aaag                                514
```

<210> 2383

<211> 525

<212> DNA

<213> homo sapiens

<400> 2383

```
atttgtggcc acttgcattt ggttcttccc aatatagtgt tgcaaagggt actggtgggt      60
tcgaattggt tagccacata gtaatattat ttagtctttc ctcaaagac actgaagagt      120
tgtaatcat aaaataggaa gagatggtat cgtgaatggg tacatcagta ccaggccaca      180
tagcagcagc acttgatctg ttttctgaa gctgattggt cacccaaata ggtactgcct      240
cattccacca aaaaggatcc ttgtcattag agtcagaaaa gtgtttcttt gtgactgcat      300
catacatgga attagccaca atgccatggc tttcttcata caagcctgtc acaatactgt      360
agtggtttgg aaatgttttt gtgataaaaa catttttaac atgctctacc aaaacacctt      420
ctttgataaa attctggaga tgaggaaatt catagtcttt cagataatca gctctgaagc      480
catcaaagga tactagtagt aacttaggtg gcaaactaga gggaa                                525
```

<210> 2384

<211> 358

<212> DNA

<213> homo sapiens

<400> 2384

```
cgtccttctc ttcgaaacat cacttcaggt cagatcccga gacgaccaca ttccttcaaa    60
gagtcagatg actaagggat ggaggataaa ttcgtctcaa gggacaacca agcactaccc    120
atttaactga ggcattctcaa ttgccagatt ttctctgcat cggtcaggtc aatcaaatta    180
acagcgacaa gacatctttc ttaaggggac agtaattggg tcaacactgt ggatcacccct    240
cggccaaggg acacgactgg agattaaacc taagaactgt ggctgcacca tctgtcttca    300
tcttcccgcc atctgatgag cagttgaaat ctggaactgc ctctgttggt tgccctgct    358
```

<210> 2385

<211> 251

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (31) .. (31)

<223> n=unknown

<400> 2385

```
cctccaacat tagcataatt aaagccaagg nggaggaggg gggtgagggtg aaagatgagc    60
tggaggaccg caataggggt aggtcccctg tggaaaaaag ggtcagaggc caaaggatgg    120
gaggggggtca ggctggaact gaggagcagg tggggggcact tctccctcta acactctccc    180
ctgttgaagc tctttgtgac gggcgagctc aggccctgat gggtgacttc gcaggcgtag    240
actttgtgtt t                                                              251
```

<210> 2386

<211> 531

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (403)..(405)

<223> n=unknown

<400> 2386

```
ggcagggtcc aggaaagggc ctggagtggg tctcagggat cacttggaat agcggtaata      60
tagtctatgc ggactctgtg aggggccgat tcaccgtctc cagagacaac gccaagaact      120
ccctacatgt gcacatggac aatctgagac ctgacgacac ggccttttat tactgtgcaa      180
aagaggtcat cccctactgt agtaccacca gctgcttata tatgagggtt tttgatattct      240
ggggccaagg gacaatggtc accgtctcat cagcatcccc gaccagcccc aagggtcttcc      300
cgctgagcct ctgcagcacc cagccagatg ggaacgtggt catcgctgc ctggtccagg      360
gcttcttccc ccaggagcca ctcaagtgtga cctggagcga aangnacagg gcgtgaccgc      420
cagaaacttc ccaccagcc aggatgtctc ggggacctgt acaccagag cagccagctg      480
accctgccgg ccacacagtg cctagccggc aagtctgtga catgccacgt g              531
```

<210> 2387

<211> 421

<212> DNA

<213> homo sapiens

<400> 2387

```
ggcctggact cctcttcttc tcttgctcct ctctcactgc gcagggtccc tctcccagtc      60
ggtgctgact cagccacctt cccacgtcgc ttcgctgga gattccgtca gactcacctg      120
cacaatgtcc agtgacttcg acgtaggctc caattatctt ttctggcacc aacataagac      180
agggaggccc ctctcacatc tctcttttta cttctcagac tcagatcagg tccggggccc      240
aggagtcccc agtcgtttct cggccttcaa ggatgtttcc gccaacatgg cgggtcttaat      300
catctccgga gtccagcctg acgatgaggc tgactattat tgtatgagct ggccaaataa      360
tgacgtggcg gtcggcggcg ggaccaactt gcgcgtcttg ggtcagccca agggctgccc      420
c                                          421
```

<210> 2388
 <211> 539
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n=unknown

<400> 2388
 agtgcaggga gaagggcttg atgccttggg gtgggaggag anacccctcc cctgggatcc 60
 tgcagctcta gtctcccgtg gtgggggggtg agggttgaga acctatgaac attctgtagg 120
 ggccactgtc ttctccacgg tgctcccttc atgcgtgacc tggcagctgt agcttctgtg 180
 ggacttccac tgctcaggcg tcaggctcag atagctgctg gccgcgtact tggtgttgct 240
 ttgtttggag ggtgtggtgg tctccactcc cgccttgacg gggctgctat ctgccttcca 300
 ggccactgtc acggctcccg ggtagaagtc acttatgaga cacaccagtg tggccttggt 360
 ggcttgaagc tcctcagagg agggcgggaa cagagtgacc gagggggcag ccctgggctg 420
 acccaagacg cgcaagttgg tcccgcgcc gaccgccacg tcattatttg gccagctcat 480
 acaataatag tcagcctcat cgtcaggctg gactccggag atgattaaga accgccatg 539

<210> 2389
 <211> 528
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (483)..(515)
 <223> n=unknown

```

<400> 2389
ctgcagtccc ccatagacct gcacagtgc atcctccagt atgacgccag cctcacgccc      60
ctcgagttcc aaggctacaa tctgtctgcc aacaagcagt ttctcctgac caacaatggc      120
cattcagtga agctgaacct gccctcggac atgcacatcc agggcctcca gtctcgctac      180
agtgccacgc agctgcacct gcaactggggg aacccgaatg acccgcacgg ctctgagcac      240
accgtcagcg gacagcactt cgccgccgag ctgcacattg tccattataa ctcagacctt      300
tattcctgacg ccagcactgc cagcaacaag tcagaaggcc tcgctgtcct ggctgttctc      360
attgagatgg gtccttcaa tccgtcctat gacaagatct tcagtcacct tcaacatgta      420
aagtacaaag gccaggaagc attcgtcccg ggattcaaca ttgaaagagc tgcttccgga      480
ganggaccgc tgaatattac cggtaccgg gggtnccctga ccacaccc                    528

```

<210> 2390

<211> 491

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (448)..(479)

<223> n=unknown

```

<400> 2390
cagaagagag aattcttaga gtcagagggg ggagtagaag gaaaaagata tttaaaaagc      60
tatgcttcaa gaggacattt catgctgtca aaatgagact gtgaatcaga aagttctcgg      120
ggaactgcaa ggtgctctca actagggggtc ggttccttct cagtcatggc actgactcat      180
ctccacaggg ttctcacctg cgggaggaaa atggaggagt tgcgcctgtc agaaactgtc      240
tgtgtgattc ggggaagaat atggagtatc ttagtagcat tccattatta cttgccccta      300
aatacatgat gccagcccc tgcacagata acctcctgct tttatagctt gaaatatatt      360
tgatctaaac cagcatttga catcttcaga gagagagaag tagataaaag tctccattcc      420
aggttggcag tacggatccc tgcagaantg gctncaaant aaatttggcc tacagagant      480
aagttctaca g                                                              491

```

<210> 2391
 <211> 282
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (187)..(269)
 <223> n=unknown

<400> 2391
 ccagtctcca tcctccctgg ctgcatctgt aggagacaga gtcaacgtca ctggccggtg 60
 catccaattt gcaatctgga gtcccatctc ggttcagtgg cagtggatct gcgacagatt 120
 tcgctctgac tatcagcagc ctgcagcctg aagatgttac agtttattac gttcaacgga 180
 gttacanctt agaaaactga ccaaacagac gantcattgg gtttgagagg agaattggct 240
 tcaaggggga gntgggnaag aancaggtng atttttccct gc 282

<210> 2392
 <211> 401
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (32)..(32)
 <223> n=unknown

<400> 2392
 aaagatgagc tggaggaccg caataggggt angtcccctg tggaaaaagg gtcagaggcc 60
 aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
 cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
 caggcgtaga ctttgtgttt ctcgtagtct gctttgctca gcgtcagggt gctgctgagg 240

ctgtaggtgc tgccttgct gtctgctct gtgacactct cctgggagtt acccgattgg 300
 agggcggttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360
 cacacaacag aggcagttcc agatttcaac tgctcatcag a 401

<210> 2393

<211> 291

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (179) .. (249)

<223> n=unknown

<400> 2393

ctccttcagt agcactactt accattgggg ctggatccgc cagccccag ggaaggggct 60
 ggagtggatt gggagtatca attatattgg ggacacctac tacagtcgt ccctcaagag 120
 tcgagtcacc atatccgtgg acacgtccaa gaaccagatt ttctgaagt tgagctctnt 180
 gaccgccgca gacacggctg tgtatttctg tgcggggacg tcatcattta cggcgggggg 240
 gtactactng ggccagggaa cctggtcacc gtctctcag catccccgac c 291

<210> 2394

<211> 444

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (442) .. (442)

<223> n=unknown

<400> 2394

tcagtagcag gtgccgtcca cctccgcat gacaacagac acattgacat ggggtgggttt 60

acccgccaag cggtcgatgg tcttctgtgt gaaggccagc ggcagggcct cgtggcccac	120
catgcaggag aaggtgtccc ccttcttcca gtcctcggct gccacgcgca gtatgttgt	180
cacagcgaag gtggtggtgc cctggctggg ctcttgccgg gatgccaag tcaggtactt	240
ctcgcggggc agctcctgtg acccctgcag ccagcgaacc agcacgtcct tggggctgaa	300
gccgcgtgcc aggcacgtca gcgtcaccag ctcgttcagg gccagctcct ccgacggcgg	360
cggcaacagg tggacctcgg gccggaatgt gtttccggat tttgagaggg tggcggttag	420
cggggtcttg gactcggggg angc	444

<210> 2395

<211> 374

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (273) .. (364)

<223> n=unknown

<400> 2395

gtcacattct tcgcagactc cgtggagggc cgtttcacca tctccagaga caattccaag	60
aacacaatgt atctccaaat ggacagcctg agagccgacg acacggccgt atattactgt	120
gtgaaagccc cttgggatat tgggtgaagca gcgggtaaaa ccgtcttcat ctactggtac	180
ttcgatctct ggggcccgtg caccctggtc actgtctcct cagcatcccc gaccagcccc	240
aaggtcttcc cgctgagcct ctgcagcacc canccagatg ggaacgtggg catcgcctgc	300
ctggtccagg gcttcttccc ccaggagcca ctcagtgtga cctggagcga aangggacca	360
gggncgtgac cgcc	374

<210> 2396

<211> 510)

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (505)..(505)

<223> n=unknown

<400> 2396

```
gggcgggtca gtagcagggtg cegtccacct ccgccatgac aacagacaca ttgacatggg      60
tgggtttacc cgccaagcgg tcgatgggtct tctgtgtgaa ggccagcggc agggcctcgt      120
ggcccaccat gcaggagaag gtgtccccct tcttcagtc ctccggtgcc acgcgcagta      180
tgctggtcac agcgaagggtg gtggtgccct ggctgggctc ctgccgggat gcccaagtca      240
ggtacttctc gcggggcagc tcctgtgacc cctgcagcca gcgaaccagc acgtccttgg      300
ggctgaagcc gcgtgccagg cacgtcagcg tcaccagctc gttcagggcc agtcctccg      360
acggcggcgg cagcagggtg acctcgggcc ggaatgtgtt tccggatttt gagaggggtg      420
cggttagcgg ggtcttggac tcggggtagg cagcagtgca agtgaaggtc ttcccatggt      480
tccatggctc ggcacagccc ggcangacac      510
```

<210> 2397

<211> 356

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (81)..(81)

<223> n=unknown

<400> 2397

```
gggtacgtga gcaggaaaca tggagaagaa tcctttggca gcccattac taatcctctg      60
gtttcatctt gactgcgtga nagcatactg aacgtggaac aaagtcctca gtcactgcat      120
gttcaggagg gagacagcac caatttcacc tgcagcttcc cttccagcaa tttttatgcc      180
ttacactggt acagatggga aactgcaaaa agccccgagg cttgtttgtt aatgacttta      240
```

aatgggggatg aaaagaagaa aggacgaata agtgccactc ttaataccaa ggaggggttac 300
agctattttgt acatcaaaag gatccccagc ctgaagactc cagccacatt acctct 356

<210> 2398

<211> 306

<212> DNA

<213> homo sapiens

<400> 2398

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agaagaagaa tactatgtat ttctttatga acactattaa aaaaaataa acccctcaca 120
acattctgca ggacctagag cccaagagaa ccactgaag atccatcctc tgtgggatgg 180
cggaggcagt ctctggggag caggagggaa tgtgcacagc caggggagggc tgcagcagcc 240
ttgcctctgc cgtgaatgtc aggcagtgc aagcagcaat aaggaacag aggggggtggc 300
agcagt 306

<210> 2399

<211> 443

<212> DNA

<213> homo sapiens

<400> 2399

gctacaggca cccacgccga ggtccagctg gttcagctc gggctgaggt ggagaggcct 60
ggggctacaa tgaaaatctc ctgcgaggtt tctggataca ccatcaccga ctactacatg 120
cactgggtgc gacaggcccc tggacaaggg cttgagtga tgggacttgt cgatcctgaa 180
gatggtgaaa caatctacgc agagaagttc cagggcagag tcaccatctc cgcggacacg 240
tctacagaca caggccacat ggagctgagg agcctcagat ctgcggacac ggccggtttat 300
tactgtgcaa ttctgacggt ggtgataatt ctgctcgcct tgagttctgg ggccggggaa 360
cctggtcacc gtctcctcag catccccgac cagccccaag gtcttcccgc tgagctctgc 420
agcaccacgc cagatgggga acg 443

<210> 2400

<211> 320

<212> DNA

<213> homo sapiens

<400> 2400

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gacaggcggg cggctcagta gcagggtgccg tccacctccg ccatgacaac agacacattg      60
acatgggtgg gtttaccgcg caagcggtcg atggtcttct gtgtgaaggc cagcggcagg      120
gcctcgtggc ccaccatgca ggagaagggtg tcccccttct tccagtcctc ggctgccacg      180
cgcagtatgc tggtcacagc gaagggtgggtg gtgccctggc tgggctcctg ccgggatgac      240
caagtcaggt acttctcgcg gggcagctcc tgtgaccctg cagccagcgg aaccagcacg      300
tctttggggc tgaagccgcg                                     320
```

<210> 2401

<211> 301

<212> DNA

<213> homo sapiens

<400> - 2401

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tcaactgcaa gtccagccag agtgttttat acagctccaa caataagaac tacttagctt      60
ggtagcagca gataccagga cagcctccta aactgctcat ttactgggca tctaccgga      120
aatccggggg ccctgaccga ttcagtggca gcgggtctgg gacagatttc actctcacca      180
tcagcagcct gcaggctgaa gatgtggcag tttattactg tcagcaatat tatagtgtc      240
cgtacacttt tggccagggg accaagctgg agatcaaacg aactgtggct gcaccatctg      300
t                                                                301
```

<210> 2402

<211> 318

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (174)..(318)

<223> n=unknown

<400> 2402
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aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
cactctcccc tgttgaagct ctttgtgacg ggcgagctca ggcctgatg ggtnacttcg 180
caggcgtaga ctttgtgttt ctcgantct gctttgtca nntcagggt gctgctgagg 240
ctgtaagtnc tgtecnnnct gtctgtctct gtgacactnt cctgggagtt acccgattcg 300
angncttnat ncancntn 318

<210> 2403

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (303)..(303)

<223> n=unknown

<400> 2403
cagagctctg ggaatctcac catggcctgg acccctctcc tgctccccct cctcactttc 60
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ggacaaacgg ccaatatcac ctgctctgga gacgcattgc caaataaata tgcattattg 180
ttccagcaga agtcaggga ggcccctttg ctggatcatc atgaggacat tagacgacat 240
tccgggatcc ctgagagatt ttctgggtcc agctcaggga caatggccac attgaccatc 300
agnngggccc aggtggacga tgaagctgtc tactattgtt actcaacaga caacagtgga 360
aattacaaaa ggctgttcgg cggagggacc aggctgaccg tctaggcca gccagggt 420
gccccctcgg tcaactctgtt cccgccctcc tctgaggagt tcaagccaac agggccacac 480
tggtgtgtct caataagtga cttcta 506

<210> 2404

<211> 505

<212> DNA

<213> homo sapiens

<400> 2404

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aagggcttga tgccttgggg tgggaggaga gacccctccc ctgggatcct gcagctctag      60
gctcccgtgg ggggggtgag ggtttagaac ctatgaacat tctgtagggg ccactgtctt      120
ctccacggtg ctcccttcat gcgtgaactg gcagctgtag tttctgtggg acttccactg      180
ctcaggcgctc aggctcagat agctgctggc cgcgtacttg ttgttgcttt gtttggaggg      240
tgtggtggtc tccactcccc ccttgacggg gctgctatct gccttccagg ccactgtcac      300
ggctccccggg tagaagtcac ttatgagaca caccagtgtg gccctggttg cttgaagctc      360
ctcagaggag ggcgggaaca gagtgaccga gggggcagcc ctgggctggc ctaggacggt      420
cagcctggtc cctccgccga acagcctttt gtaacttcca ctgttgctctg ttgagtaaca      480
atagtagaca gtttcacgt ccacc                                         505
```

<210> 2405

<211> 224

<212> DNA

<213> homo sapiens

<400> 2405

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gtagtagtag gaatacttac tatgaagatt ctgtgaaggg ccgattcacc atctccagag      60
acagtgccaa gaattccctg tatttgga aa tgaacaatct aagagacgaa gacgcgggtg      120
tttattactg tgcgagaggg ttccgaggcg cctacaatct ttggggccaa gggacagtgg      180
tcaccgtctc ttcagcatcc ccgaccagcc ccaaggtctt cccg                                         224
```

<210> 2406

<211> 304

<212> DNA

<213> homo sapiens

<400> 2406

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ctcgtgccgc ttcattggga ttggagaact tctgtggggc cagttcactt ccgcaatacc      60
taccgatcc ctgaagttcc tgaaggaggc tgggcatggc accaccaaag aggagatcac      120
```

caaggatgcc gagggactgg atgagattga ccatgctgag atggagctgc gccgaggccg 180
gatcctctgg ttccgggggc ctgaaccgta tccagactca gatcgacgta attaacacat 240
tccagacggg agcctctttt aaggggagtc ctaaggcgac agaacatggg tcaacacctt 300
gatg 304

<210> 2407

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (372)..(422)

<223> n=unknown

<400> 2407

ttacaaaaat aaaatacaag ggcacacagt ctggttttag agtaggattt ttgtcttttt 60
cttcccttaa gtcaaaatat caaagggaaa aacccaaagg aaaagataac catggttggt 120
taaagtggat gccacgtgct ctcttggtgt catttttagca aatcatgcat cataatagac 180
tatcactcac tgcccatagg aggagatgaa acagcaggaa cagaagtggg ggggaaagat 240
ttgactggtg caactgctac ataggatgaa ctaggaacaa gttttacatc aagggtgttga 300
cccatgttct gtcgccttag gactccctta aaagaggctc ccgtctggaa tgtgttaatt 360
acgtcgatct gntttctggat acggttcagg ccccggaacc agaggatctg gcctcggcgc 420
antccatctc agcatgggca atctcatcca gtccctcggc atccttggtg atctcctctt 480
tggtggtgcc atgcccagct ccttc 505

<210> 2408

<211> 374

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(18)

<223> n=unknown

<220>

<221> misc_feature

<222> (181)..(335)

<223> n=unknown

<400> 2408

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anaatangnt gnnngngnaa aatgggaggg ccatccattt ctctttctga acctetaatg      60
ttagaagaac cagagaaaga agaaatagaa acttccttac ccatagctat tacccttgaa      120
cctgaagatt ctaatttagt agaagaagag atcgtagaac ttgattaccc agaaagccca      180
nnggtttccg agaagccctt cccaccacat atgtcccttg aagtggagca caaagangaa      240
gagcttattc taccattatt ggcagcatca tctcctgaac atgttgcttt gtctgaggaa      300
gaaagagagg aaattgcac tgttctactg gttnnngctt tgtatcagag tatttcagta      360
ccacaggatt tgaa                                          374
```

<210> 2409

<211> 434

<212> DNA

<213> homo sapiens

<400> 2409

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tctgtaagag gagccagctg gataagatga tttctgaaga cgcttccatg gtgggcactg      60
aggcacagag gaggccaagg agaggttggt tgttcattgca tgcattcatc cgtgacacat      120
gagtacctac tgaggactcc ataaacagaa cgggatacag agataaacia tttgggttct      180
gtccacgttt gtcaaaagggt ggtgctggcc cacctctgaa agcagaacac ttgctcaaca      240
accttgctgt tggcccaagt ctaacacatt ctttatgact gtgagcatct cagagtgaga      300
gaaaaatgta gaaagttttt taaattctaa acaggattta gtgtcttttag ttatcttgct      360
ggatgggaaa gggatgttgt catttctggg cacaaatgaa aagtaggacg gaaagctcct      420
ttcattcagt ttat                                          434
```


<210> 2410

<211> 404

<212> DNA

<213> homo sapiens

<400> 2410

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gggtcctaaa atgggtacct gctacccaag tgatgagctá ctgcctttgt ttgttaactg      60
ctctttcctc cctcagcctc tagccttctc ctttcatcca gcggtgctag agacctgggtg      120
ttgatatcca cattcatagg ctctgagtga tctggcattt ttaagatggc aaagcacttt      180
tgcacctgtg gggctgttgt ctgtagttct ggcatattgc atgcctgaag gcagagctag      240
cactgctacc tccaatacag atgagaaaac tgagaccagc agagattaat ggtaagggtta      300
cacagcaaat tagaaggagt gtaggactaa gacctaggct tcccaaactc ccggtccaaa      360
ctcctgggtg ggtcaaaggg gtgcaaggta agattgcaga ggat                          404
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<210> 2411

<211> 401

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (385)..(397)

<223> n=unknown

<400> 2411

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gccaggaata actagagagg aacaatgggg ttattcagag gttttgtttt cctcttagtt      60
ctgtgcctgc tgcaccagtc aaatacttcc ttcattaagc tgaataataa tggcttttgaa      120
gatattgtca ttgttataga tcctagtgtg ccagaagatg aaaaaataat tgaacaaata      180
gaggatatgg tgactacagc ttctacgtac ctgtttgaag ccacagaaaa aagatttttt      240
ttcaaaaatg tatctatatt aattcctgag aattggaagg aaaatcctca gtacaaaagg      300
ccaaaacatg aaaaccataa acatgctgat gttatagttg caccacctac actcccaggt      360
agagatggac catacaccaa gcagntcaca ggatgtngag a                          401
```

<210> 2412
 <211> 334
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (149)..(149)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (265)..(331)
 <223> n=unknown

<400> 2412
 tactcagata gatgatttta atttcttgat gcaatttgaa atatcatttc agaaaactgt 60
 tgcacaaat aatatacaac caggtatcag tatgaaaaag gatctttggt catcactatt 120
 tcttacaat aaaataacaa ataaatgana ctattaaatt ttaatcttga cagtttttac 180
 atatccatga gtgtttttat ttaatcaaag tatccttttc cgacatctta aaattatttt 240
 tatgagttta tgatcacaca tgggntgaat tttaagattc agaaatatcc ttnacntaca 300
 ttgtntngtt tttaaaaact ctcttctagg ncta 334

<210> 2413
 <211> 358
 <212> DNA
 <213> homo sapiens

<400> 2413
 tgtttctata ctgcaaatgg ccatgttggg tatatgtcta tatacgctt acttagacat 60
 tgtattgtat ataaccgtgt gtagaactat agacaatagt caccaaatag ttatttaa 120

attaattttc tttattaata caacacattt aataagtatc tacctatgcc aggcactgtg	180
ctaagttcta ttactaaata aaatttgggc cctgtccgaa gatgcttgtg accattgaaa	240
attaggaaaa tgaatgccct cagtcagatc aaaagtcaac agctggattt attattagta	300
cttaccaagt aggcacaaat cattgcattt acagacttca ccaaattctt gtagggtg	358

)

<210> 2414

<211> 446

<212> DNA

<213> homo sapiens

<400> 2414

tcttggtgcc ttttgtgtga tgcgccttgc tgatggcttg acatgtgcaa ttgtgagggg	60
catgctcacc tctagcctta agggggggcag ggagtgatga tttgggggag gctttgggag	120
caaaataagg aagaggggctg agctgagctt cggttctcca gaatgtaaga aaacaaaatc	180
taaaacaaaa tctgaactct caaaagtcta tttttttaac tgaaaatgta aatttataaa	240
tatattcagg agttggaatg ttgtagttac ctactgagta ggcggcgatt tttgtatggt	300
atgaacatgc agttcattat tttgtgggtc tattttactt tgtacttgtg tttgcttaaa	360
caaagtgact gtttggttta taaacacatt gaatgcgctt tattgcccat gggatatgtg	420
gtgtatatcc ttccaaaaaa ttaaaa	446

<210> 2415

<211> 530

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (454)..(486)

<223> n=unknown

<400> 2415

atgggtcagt ggtcaacagc tgaatcagag tcttcaatct atgtttatcc aggaaggaga	60
agatgtctcc atgaactgca cttcttcaag catatttaac acctggctat ggtacaagca	120

ggaccctggg gaaggtcctg tcctcttgat agccttatat aaggctggtg aattgacctc	180
aaatggaaga ctgactgctc agtttgggtat aaccagaaaag gacagcttcc tgaatatctc	240
agcatccata cctagtgatg taggcatcta cttctgtgct ggtcggacta cctcaggaac	300
ctacaaatac atctttggaa caggcaccag gctgaagggtt ttagcaaata tccagaaccc	360
tgaccctgcc gtgtaccagc tgagagactc taaatccagt gacaagtctg tctgcctatt	420
caccggattt tgattctcaa acaaattgtg cacnaagtaa ggattctgat gtgtatatca	480
cagacnaaac tgtgctagac atgaggctat ggacttcaag agcaacagtg	530

<210> 2416

<211> 382

<212> DNA

<213> homo sapiens

<400> 2416

tacaacacgc ccagacacac agcatagcag ggctcgcata atgagataat ttccccccac	60
gtcttgagaa gaagaatact atgtatttct ttatgaacac tattaaaaaa aaataaaccc	120
ctcacaacat tctccaggac ctagagccca agagaaccca ctgaagatcc atcatctgtg	180
ggatggcgga ggcagtctct ggggagcagg agggaatgtg cacagccagg ggaggctgca	240
gcagccttgc ctctgccgtg aatgtcaggc agtgacaagc agcaataagg gaacagaggg	300
ggtggcagca gtgtttggca gctcttcagc aatcttaatc ataaattcgg gtaggattca	360
gttggtgcat tgccgggggg gc	382

<210> 2417

<211> 498

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (438) .. (472)

<223> n=unknown

<400> 2417
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 ctattttctca ggcacctgct ggggtgtcagc agctgtgctc agtgtggtga ccaaaaccct 120
 tgtcaacaag gcagcaaggt tctaacctgg ttagggctta cagttgagta gctgaaatth 180
 tgatttcttt tctgtgcccc tagtaaagat atgatagcaa acaataagag ctattttttt 240
 tattgtgttc ttactctgtg ttgggcccctg ttctcagtgg tttatagcct attaactcag 300
 tctctttacc accactctga ggggaggctc tgtcatatcc atttgacaga tcgggaagtg 360
 gaagcatcag gaggttaagc aacttggtta agatcacaaa atccataatg acagagtttt 420
 gattagaatc ccagcagnct gtctccagaa ctggcctatt aagtgcagtg cnactgtact 480
 ggctttcata atatgtat 498

<210> 2418

<211> 549

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (501)...(547)

<223> n=unknown

<400> 2418
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 atctaaaaac aacaaaaaaa aactggggac atgccccctg aattgcaagt tggagttcgt 120
 aagaatctac ttgctggcaa gccgggtttcc tccctgagaa gcacacttcc cgcttccttc 180
 tctccttcca gcgtcttctg tccctctcag ttaaggcctg gacagtgtgg gatgggtgtg 240
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 cggtcgctgg gctctgcgt ccgcccgcgc agtcctcca ccgtctgcag cagggccgac 360
 cgctccagtt ctaaggtaag catggcctgc ttcagcttgc tctcactgct caggagcttc 420
 tcaatgggtg cctcaaggct ttggatccta ccatttgcca cctgcaactg ttcaaggagg 480
 tcaaggttct gtttgcgtaa ntgctgttgg ttttctctaa tttatccatt cttgggtgtca 540

<210> 2419

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (406)..(472)

<223> n=unknown

<400> 2419

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tgccatgcgt ggccagccct cctgggggttt gcccaggcca ttttgggact ggaacaagag     120
aagaacaacc cgcccccgtc cccaccccag gccttgggtcc agctcccagg gacaccacag     180
ctttcctctc tgggcctctc tgaaggaggt gtggggaggt tggattgggt ttgggaggca     240
aaagcacctc caaggccctg ctgtgccttt agactggacg tgtggacaag aatgcgcccc      300
cggctctgtg ccacacagcc cctgtgctag acatcgctg gtgcccgcac aatgacaacg     360
tcattgccag tggtcgagg actgcacagt catggtgtgg gagatnccgg atgggggctg     420
atgtgccctt gcgggaacct gtcgtcacct ggaagggcac accaagcgtg tnggcattgt     480
ggctggcaca ccacagccag aacgtgtg                                     508
```

<210> 2420

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (340)..(388)

<223> n=unknown

<220>

<221> misc_feature

<222> (501)..(501)

<223> n=unknown

<400> 2420

```
tgccatgtgg ctgggaatgg gaggtgagtg gatgggtgtg aatggctgac cctgctggag      60
gccctgcggg gctctacttg gcctggactg tctcctccag cctgtccaag cgcttctgga    120
gctcctgcac cgtggcctgg agcttccgca tctcctctc cagccgagac acggcatccg    180
agctgggagt gccactggcc tctggtgctg cctcctcgcg cccggtgtcc aggccccggt    240
tgaccctcag ctcccggctc tttgggggta cgtagccatc cttgagggag atgaggaggg    300
gccagcatc ccgaccccc agccactcct cagccgtgan ggcagggtcg ggccctgcgg    360
tgggtgggta caggtcctcc tggaatangt ccgactttcg aggactgtc atggcaatgg    420
gctcacacct ccgctcgtgc agcttgtaga acctggcgat ctcacacttg ttcacctcca    480
ggccacgttt gggcatgtaa nccatg                                           506
```

<210> 2421

<211> 552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (521)..(521)

<223> n=unknown

<400> 2421

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cttgctcaag acaccctttt tttctcccca aatttgact gcgtgtctgt cctatgccag      60
cactgtgcaa ggctctgggc ccacaatggg gagcaattgg acccagctcc tgaagccatg    120
gggatcccag gctagtgtgg gagacagaca agtgaccagg tgatgacaga agtgcagggg    180
gctttgtgaa gaaagaggca gaggactcaa cctagctggg ggcagtcaag gttgggtcct    240
```

cacctgctgg agcaggtaag acctgaaagc tgagcagcca tccacagggg	300
gcttggttgg agagctggcc tggaatctgg aatcgactcg caacgctgca gtctcgtagc	360
tgaacagctg gactaccctt acccgtaacc tcccccccc tcccatcatg gctgaagtcc	420
aggggttagg cttgggtgtag ctctgggtcca ttcctcagaa tggaagacca agggaacgtg	480
ggctacacat ttcacactgc tgccagggag tcttcttgaa ncatecttct gctgctacc	540
tgtagaatgc tg	552

<210> 2422

<211> 469

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (23)..(40)

<223> n=unknown

<400> 2422

aaatttggtgta agataataga ganaattcnn agnnaacnnn gggtcggcag aaaggattat	60
gggtggaaaa cattggctct tccttgggga gtgatgctgg ggaaagggaa gagagtggct	120
cagcctgcag gtaaataaggc tagaaaagcc aaggccaaag gctggagggg agaggacagt	180
cagcatgtcc agcctggggg ctgggtgtag gggtatccct tctccctgtg ccttcccatc	240
tcgtccatga gcttaggtct tggagccttg tgttgaggc tgctgtgatg tcaggaacgg	300
ggatctgtct agcttttggc cacttcctgg gacctcacgc cctgttgac agatggagat	360
tgggcagcag ggccttgctg cattgttatc tgctgttccg acttggtttg tcttgtccaa	420
gggtgacgaa agagccaggc accaggggtct catgggatga ggtacaggg	469

<210> 2423

<211> 187

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(185)

<223> n=unknown

<400> 2423

agtanctcca gatcaccaga nenaacactc tcacntgcc a gcatganaag ctccagcatc 60

agtgganaac ccacngctt gtatagcnan ncagagthaa nacacacaac agcgtnccgt 120

gccagcacca nnacctcagg cctcactnnn gaatcaanaa ntttgnacag taagccaggc 180

tcaantg 187

<210> 2424

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(179)

<223> n=unknown

<220>

<221> misc_feature

<222> (505)..(505)

<223> n=unknown

<400> 2424

gcngggagaa gggcttgatg tagaaagttg taggttctcc aacaaggtct gangctgtgg 60

agcgggcagg taagggtgtt gttccagttg cgtctganct gctgtggaag gctgttgatt 120

cctgaccaat gtctgtgggt gtgagggtgg caggtaacac tgtgtgagtg aagcctggnc 180

tgtcagggaa ggggtgtgat tgttgactat gaatggacat tgtgttgctg tgagaaaacg 240

ctgtggtttc agttgagcct gggctgctgt agaaggtggt agattcctca ctaaggcctg 300

gcactgtggt gctggcaggt gacactgttg acagagctga gcctgggttg ctatgagggg 360
 tggtaaattc ttgagcaaaa gatgaagttg tgatgctgcc aggggacagt gttgtctcag 420
 ttgaacctgg cttactgtgg aaagttgttg attcctgact gaagcctgaa gtggtggtgc 480
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<210> 2425

<211> 423

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (327) .. (408)

<223> n=unknown

<400> 2425

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 cctgcctctc cacactccag gtccctcag gcttgtgtcc ccaactgctgc atcgtggcgg 180
 ggtgtcacag accctctgca gcccttggt gtccctggact gtgcagagat gcctgactcc 240
 agggaaacct gaaagcaaga agttaatgga ctgtttattg taacttgatc ctcccgagct 300
 gtgagcgcag tctgaggtgt gaggacnggc ctctgttg agtcccattt tctccatcag 360
 ggcacgtggg cggtctctcn aagcccggag gagctcccag gcgcacangg gccgccggta 420
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<210> 2426

<211> 376

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (114)..(374)

<223> n=unknown

<400> 2426

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caggcctgcc ctggagcgcc tgcacgctca gctccctgag gtaggtccgg aggnagaacn 120
cnngcnnnnn cccgcncncc gccaggatac ctctnaantc atgnaccctc ntccagaanc 180
ccacagnent ggatgccccca tagcagccct ggcacggctg gcagaactgc ntccaccctc 240
nacnaacncc caagacaggc aggaacngtc tcaggctggc acacagcagg tgggtcgggg 300
gtaganggaa gaggcgcacc cttctgcaat caaccgctcc agcgggcaga gctgagggcc 360
actgcccccc ccangc 376
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<210> 2427

<211> 473

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (423)..(461)

<223> n=unknown

<400> 2427

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ttccaagaac caaaactcca aatgcacgag cactgacctc aacaggaatt ttaatgcttc 120
atggaactcc attcctaaca ccaatgaccc atgtgcagat aactatcgga gctctgcacc 180
agagtccgag aaagagacga aagctgtcac taatttcatt agaagccacc tgaatgaaat 240
caaggtttac atcaccttcc attcctactc ccagatgcta ttgtttccct atggatatac 300
atcaaaactg ccacctaacc atgaggactt ggccaaagtt gcaaagattg gcactgatgt 360
tctatcaact cgatatgaaa cccgctacat ctatggccca attagaatca acaatttacc 420
cgntatcagg gtcttcttta gactgggnnt atgacctgng ngtcaaacac aca 473
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<210> 2428
 <211> 530
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (139)..(247)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (394)..(514)
 <223> n=unknown

<400> 2428
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 gtattttctta ttgcatttna caaaggcatt gctttgtgaa gaactggaaa ttganaaana 180
 agccggatcc tctgccanag ataatgtgag acacgtggac acagcgtgtg tagtctgggt 240
 gggtcangga gctcctgccc tgctctctca agtggagacc ggggtgctca gatacctgca 300
 cccctcccgc ccatgcacac acaggagccc ctcttagcac caactcactt cctcctcaca 360
 gcagcccagg acgtggcccc tgctggctca gcanacaaga ggggaaatcg angcaagaaa 420
 ggcatatggg cttccttgac caaggcncna nggttctctg tgggataagc ctcagntcta 480
 accactgcac catctgggcc tcaactgctg ggaggagac ttgtgcttgg 530

<210> 2429

<211> 532

<212> DNA

<213> homo sapiens

<400> 2429

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ttgtatggtg tgtgacgaat gtacatcatg tttgtagggt tggatgctaa tcttgaattg      120
tagcttaaaa aatacgtatt tttgtaactc tttgaaagtt tatgaagact gacagctttc      180
cttgtaagca ctaagagaaa aaaaagaaag agggacattt gacaatttta aagaacaac      240
aagaattag aatgaaaatc tgtgacaaac agcgtcagtg tggccatgac cacattccta      300
catgtctctc tctacaagca cctctctaag aagcctgaca tcccgggtgga ctctttatag      360
tcatgtacac ttgattccag atgagctctg gtcttatctg gatgctcaga taagagggtt      420
ctatctgagc atccagatgt tccctcaggt tccaagacat ttcaccccag gccctgggggt      480
tcactctgga attcgtaggg cttcacgtct ctctagaatg acgtggaaaa tt              532
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<210> 2430

<211> 317

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (33)..(306)

<223> n=unknown

<400> 2430

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gtctggagaa aaattattnc aangctatct aaggcaaaaa taatnnttna ccanctaaac      120
aaaacnncat cncctttacc atttggtttg tatntaaanc aagacatntn aaacacaant      180
aatacggaga ngttttcnaa ttgctacgac atttgcatta agaattnaac tgcattctaag      240
aagtgaagag ntnaaacaca tgggcangtt ctcnagtaac agntantgcn gcnttctnca      300
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gancnttct gcttgaa

317

<210> 2431

<211> 280

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (102)..(102)

<223> n=unknown

<400> 2431

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tattcaagtg ttgctagtta gtaattatct tttaattttt gntttagtta aaagatggaa 120

gaccggtttg agctacttct tacaaaattc ctctactcct ggggaagccc aaaaccggca 180

aaaaaagcaa acagcaagct ttcatacaagt aagttgagat cctgtgcttg caaatatcaa 240

tagttagctg ctgaactgaa aggggggactc tgatgtgcgt 280

<210> 2432

<211> 476

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (289)..(437)

<223> n=unknown

<400> 2432

cacttcaaag tgtagctgcc ttcaagacag atttttggca ctcataacgg aactgcagt 60

tttcaacacc atagcactca ttctatttca cacatcattt ttaacaatgc aaacacggac 120

catttcagtt ttagcattac atgagacaac agtactgatg atctgtgggc ataagaactt 180

caataccggtt gcacatagta aacacttcac tggtactgaa tcctaaacta aaactactat	240
gtggtaacat ggatcgattt agggaaagat gtacaaccag ctacctaang ncacataatc	300
ccagatctat tgattttaaa tgcttttnga ccaacagtat tacattgtct cnttcatcat	360
cttacattcc tgcttttcag agtgagacac cacgttcaga ccacctattc ccttcttgcg	420
gttctgtaca cagtgangga agctgttctg ataccagctt ctctagtca gttact	476

<210> 2433

<211> 207

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (151)..(186)

<223> n=unknown

<400> 2433

gttagcactt tcatcaccaa agaccccggtg cctctcgtgg tcctttgagg gatccccgccg	60
ccaccaccct tgtattttat cacgtgctct tcagggcatg tggaattcgt tgagtttgct	120
tttagagcca agtttctttc cctgtgtggg nttttganga aaanctgagg nccccataanc	180
ngtggncaac aacccccccc cggcgggc	207

<210> 2434

<211> 533

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (482)..(482)

<223> n=unknown

<400> 2434
tagttacaag gtcaatacaa gcctccagtg gaagctcttt atttggttta attccatctc 60
cagagacaaa caggcaactc taggaccttt acagtggcga tcggcctcac acagcaaat 120
gctccaaagt ttagaattag tgcaacacac atacgaacgt tttaaagggtg ctcaacatca 180
ggttaaaata gaattctgga cctttttaaa aagtttttgg atgatataag cacaggaggc 240
agagccaata agaaacatga aaccaatatt tctggaaaaa cacttagcat gaacgtcact 300
ttttgacgtc gtgtaaactt tcttctgcaa tgacggatgt taccaaaagg cattgagacc 360
tttgcgctgc gctgggttaga caagccgcag ttactctcca cggtgagcag gataaaaacc 420
ccaaggaac agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg 480
anaaactggg taaaggacaa gttcctccct ttcattgcgt ttctaagaac ttt 533

<210> 2435

<211> 390

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (57)..(202)

<223> n=unknown

<220>

<221> misc_feature

<222> (341)..(343)

<223> n=unknown

<400> 2435
ggcaagcaaa agcccatgtc caggagccct ggggtgtccc acaggctcgc ctctganagc 60
ctctttgggg tgagcagcct tgtattggcc acaggtgcac taaattgact gtgaatccca 120
aacctcccca gaccagccag gccgcctgcn cccacccaga accttcgggt ttgcctgta 180
tggaagcca ctctcgaaa tncctctttc ctgagtcagc aatcgtggca aggggacatg 240

tggtccaaca gcggtgggg agtggacctc tctgtccctt gccacctta agccccaat	300
ccggaccccc tctgacatca ctggcattgc acctgggtgt nccccctcc ccacgtatg	360
gaccagata ggaggggtta ggcattggggg	390

<210> 2436

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (196)..(243)

<223> n=unknown

<400> 2436

tatttctata ggcgagccgt atacagattc tccaggaata aggcacacaa cggaatgcca	60
tcccaagggc tgcacttcgg agacgtcgga gccttctcca cgcaccttcc gagctggggc	120
cacgggttct gttttgtctt tttagctgga ctcacacgta tggacagaca cagacacgga	180
cggggtcacc gcatgntggc ggaggaggtc ggacggcaag gttggcaaca gagaaggata	240
anncccgtg ccacagcccc caggggaccg cttggccatc tcgctgaagg ctggaacacc	300
cccatctcag ggtagtcgt tggactgagc tacaatgtag tgaggttgga ttaaattatc	360
gtttagagta gattcaagtc tattagatgc tggagggtg gtgtaagggc tccggttgac	420
atttccaagt tcaaggagca tggcctggag gaagcgtggc tcagatggca aagctcccg	480
gcggcg	486

<210> 2437

<211> 275

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (230)..(230)

<223> n=unknown

<400> 2437

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cactgggcca atcttcatga tcttggttga catagatgga tagcctcagc tgagtctaca 120
ctgcgttccc catcacaccc accctcccta tactcaactcc caggcctggg ttgtctgect 180
ggggagactt cagggtagct ggagtgtgac tgagctgggg gcagcagaan tgggctggaa 240
ggatctattg gctgcctgcg ggggtgtgtg ctcca 275
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<210> 2438

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (183)..(287)

<223> n=unknown

<220>

<221> misc_feature

<222> (467)..(525)

<223> n=unknown

<400> 2438

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cctgtgggca ggccagcagg gtcagtagca ggtgccagct gtgtcggaca tgaccagggg 120
cacgttgtac aggggtgggt taccgggtga cttgtccacg gtctctctcg tgacctgtt 180
ggncagggcc tcatgntcca ccacgcaggt gtaggtctcc cccgtgttcc attcctcttc 240
ggacacggtc aggatgctgt ngncgaagta ccggcctggg gcctggngct caggcattgg 300
ggcgctggtc acatacttct ccgggggacaa gggctgcccc ctctgcatcc actgcacgaa 360
```

gacgtccgcg ggagagaagc ccgtcaccag gcacgtgatg gtggccgact cccgcagttc	420
agctgctccc gggctggtgg cagcaagtag acatcggggc tgtgcanggg caacccccctt	480
gggccgggag atggtctgct tcagtggcga gggcaggtct gtgtnggtca cggtgcaacg	540
ttaaactttt cccgg	555

<210> 2439

<211> 398

<212> DNA

<213> homo sapiens

<400> 2439

ccaggccccg gatccgcagt gtttccattc agtgatcagt cctgaagaca gaagactcag	60
tatggaactc tggctgacct ggtttctcct tcttgccatt ctaaaagggtg tgaagtgtga	120
ggaggaagtg gtggcatatg ggggaggcct ggtccagccg ggggggtccc tgagactctc	180
ctgttcagcc tctggattcc ccttcagtaa atatgctatg aattgggtcc gccagacgcc	240
agagaagcga ctggaatacc ttgcagccat caatagtaat gggagtgtta caaactacgc	300
agagtccgtg aagggcagat tcaccatttc cagagacaat tcgaggacga ctctgtatct	360
tcaaatgagc ggtctgaaaa ctgaggacac ggctgtct	398

<210> 2440

<211> 527

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (487)..(487)

<223> n=unknown

<400> 2440

cgggcggctc agtagcaggt gccgtccacc tccgccatga caacagatac attgacatgg	60
gtggggtttac ccgccaagcg atcgatggtc ttctgtgtga aggccagcgg cagggcctcg	120
tggccccacca tgcaggagaa ggtgtccccc ttcttcagtc cctcggtgc cagcgcagtc	180

atgctggtca cagcgaaggt ggtggtgccc tggctgggct cctgccggga tgcccaagtc	240
aggtacttct cgcgggggcag ctctgtgac ccctgcagcc agcgaaccag cacatccttg	300
gggctgaagc cacgtgccag gcacgtcagc gtcaccagct cgttcagggc cagctcctcc	360
gacggcggcg gcagcaggtg gacctcgggc cggaatgtgt ttccggattt tgagaggggtg	420
gcggttagcg gggctcttga ctccgggtag gcagcagtgc aagtgaaggt cttcccatgg	480
ttccatngct eggcacagcc cggaaggac actggacacg ctgtagc	527

<210> 2441

<211> 580

<212> DNA

<213> homo sapiens

<400> 2441

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gcaatgtacg gctgaagtta accattgttg acaccgtggg atttgagagac cagataaata	120
aagatgacag ctataagccg atagtagaat atattgatgc ccagttcgag gcctacctgc	180
aagaggaatt gaagattaaa cgttctctct tcaactacca tgacacgagg atccatgcct	240
gcctctactt tattgcccct actggacatt cactaaagtc cctggatctg gtcaccatga	300
aaaagctgga cagtaagggt aacatcattc caataattgc aaaagctgac accattgcca	360
agaatgaact gcacaaattc aagagtaaga tcatgagtga actggtcagc aatgggggtcc	420
agatatatca gtttcccact gatgaagaaa cggtggcaga gattaacgca acaatgagtg	480
tccatctccc atttgcaagt gttggcagca ccgaagaggt gaagattggc acaagatggc	540
aaaggccagg cagtaccctt ggggtgtggt gcaggttgag	580

<210> 2442

<211> 437

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (8)..(427)

<223> n=unknown

<400> 2442

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ggtangtcnc ctgtggaaaa agggtcagcn agccaaagga tggaggngg tcaggctgga      120
actgaggagc aggtgggggc acttctccct ctaacactct cccngttga agctctttgt      180
gacgggagcag ctgangccct gatgggtgac ttcgcangcn tanactttgt gtttctcgta      240
gtctgtcttg ctgagcntca ggggtgctgct gaggtgtan gtgctgtcct tgetgtcctn      300
ctctgtgaca ctctctggg agttaacca ntgganggcg ttatccactt cactgtact      360
ttggccctc ngggatagaa gtattcaagc aggcacacaa cagaggcagt tccagatttc      420
aactgcncat cagatgg                                         437
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<210> 2443

<211> 343

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (15)..(108)

<223> n=unknown

<220>

<221> misc_feature

<222> (221)..(321)

<223> n=unknown

<400> 2443

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gacagtctga aatactctct ggtgccaaacc tccaaattct cgtctgtnac ttcagacccc      120
cactagttga cagagcagca gaatttcaac tccagtagac ttgaatatgc ctctgggcaa      180
```

agaagcagag ctaacgagga aagggattta aagagttttt nttgggtggt tgtaaaactt 240
tnatnccctg tntgtntgca gaggggattc aacttcaatt ttnantgcag tggctctggg 300
tccagcccct tacttaaaga nctggaaagc atgaagactg ggc 343

<210> 2444

<211> 532

<212> DNA

<213> homo sapiens

<400> 2444
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taagtcaatg cagagagtga aattactatg aattaaactt ctgttcacaa tgtacagtat 180
tttgcatatg ttgactttac ttaattgtac atttttgttt ccaaagttaa tgtgcatagg 240
ttgttgtcaa gcaattactc tcattgtctt gtcatacatg ctaacatttt gctaaatata 300
aatctacaag tatcacagct gcatatatat ctgaagtggg tagaacagag gaggatgctg 360
gaaagttgag ttcttttaaaa tcttcgttca aaacaagaga ttttcatcta tgtcctcttc 420
tttaattcca aagcagtggc cccactcctt cagggtgatg tgctatcctt gttgggggtca 480
cactcctcaa agaaacgggg tatgcagtgt tccatgggca ccagagatgc tc 532

<210> 2445

<211> 505

<212> DNA

<213> homo sapiens

<400> 2445
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gtataatcaa cactacgaga gatagagccg cctagaacca ggtctccaga aatgcttttg 180
gttcatcttt cattgctgca aggaacttcc atgcctctaa cactcatctt caaaagactg 240
ggactgctga gatgtcctct attcttgaag agcgtattct tggagctgat acctctgttg 300
atcttgaaga aactgggcgt gtcttaagta ttggtgatgg tattgcccgc gtacatgggc 360
tgaggaatgt tcaagcagaa gaaatggtag agttttcttc aggcttaaag ggtatgtcct 420

tgaacttggg	acctgacaat	gttgggtgttg	tcgtgttttg	aaatgataac	taattaagga	480
aggagatata	gtgaagagga	cagga				505

<210> 2446

<211> 389

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(322)

<223> n=unknown

<400> 2446

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atttggtaca	atctctttca	gctttgcata	tgattgntct	gagatcttcc	catcagccct	180
gatagtcccc	aacaaggctt	ggcgccggcn	gacgacatga	gacaagaaag	cattctcaaa	240
ctttgtaata	ttgctgggct	ccagtttata	aagatatccc	cttacacccg	catagataac	300
agccacttgt	ncttcaatag	cnatgggaga	atactgtcct	tgcttcagca	actcagttag	360
acgcacgcca	cgactcaaaa	gttggttgag				389

<210> 2447

<211> 522

<212> DNA

<213> homo sapiens

<400> 2447

cagggcactc	tctcctccac	aagaccagac	ggtggaggta	catccctca	atggaaatgc	60
ccacacttca	ccctaaagac	agatcctgct	gtcagcaaca	atgtgagtgg	cccacacatt	120
tgtccagcat	gaaaccgttt	gcagattcct	ttccagtaca	cagtcccatc	agccggtcac	180
ttcacgatga	cagctcctcg	aagcaccttt	tggtttgccg	tggtgtagct	tagaagtagg	240

agcctgcacg gcttcaggaa ttcacagaag gagcacactt agggcttgga gaagttaatt	300
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tcctgtgtat gaggatactc atcagcatgg ggtttgggaa gcctagcact ggagacaacc	420
taggtgggtcc tctccagggg agtaggtaag agccctacag cagtgaaaag cattgaagga	480
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<210> 2448

<211> 205

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(18)

<223> n=unknown

<220>

<221> misc_feature

<222> (147)..(197)

<223> n=unknown

<400> 2448

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cactcccagg gttgccagca tccttggcat tccccggctt gtaaaggcat ttctccaatg	120
tatgcctcca ccatacttg gccttcngtt tgtgcctncc accgtggccc tttcnctgtg	180
cccatctcta cnatttncta aatta	205

<210> 2449

<211> 352

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2) .. (122)

<223> n=unknown

<220>

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<222> (267) .. (333)

<223> n=unknown

<400> 2449

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cncacctctt tctctctctc cggtctctcg acctaccat cccctgtgca cagtggcttc 180

ccctccccgt cgggtggccac cacgtactcc tctgttcccc ctgctttccc ggcccaggtc 240

agcagcttcc cttctctcage tgtcacnaac tccttcagcg cctccacagg gctttcggac 300

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<210> 2450

<211> 65

<212> DNA

<213> homo sapiens

<400> 2450

gtggaattga ctggaaggca gtccagtga atcacaagaa ccataaccaa actctcattt 60

gtgaa 65

<210> 2451

<211> 489

<212> DNA

<213> homo sapiens

<400> 2451

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ggtcttcaag catttccaag atcttttctg caaggagcat tgtactcagc aattgcaaac	120
tcacccgtct cgtagtaatc atagactttc actatggctg gtttcagatc tcttactggg	180
acatcttgca gaaccgtgaa gaacaagctc agtgtctgat ttgacacctt atcaaggtaa	240
atcaagacat ggttgctgct gacttctgtc cggctcacat ggtagatct ttcaagcatt	300
ttcactgttg gcttcagggg aatgaagcca gagaccatct tcacatcaac gatcgccatg	360
ttggaggcag agcggctccc tgtgtaactg acacttaggg agatttgga gctgggtgtg	420
gctttgggtt catcacaagt ttgaggcaga gtctgcactc ctaaagcaaa ggggaactct	480
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<210> 2452

<211> 461

<212> DNA

<213> homo sapiens

<400> 2452

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accattgaaa tgtgcaatgc cctcaacagc gtctcggaga accagtcgct gctgcggatg	180
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cagtgggtgg tgggtgtcca gatctctctg cctgtcatcc tgctggatga ggccctcaag	360
tactgtcccg gaaccacatg cacgaagaaa tgagccagaa gtgagcgctg ggaacagggt	420
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<210> 2453

<211> 445

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (150)..(237)

<223> n=unknown

<220>

<221> misc_feature

<222> (397)..(397)

<223> n=unknown

<400> 2453

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agctgctgca ggcctatcgg ggggcccaan aaaggngggn aacccttnaa ancnaatttt 180
ccgggaaggg ncccaanctt nttggggcca attngggggg ggnnccaaag gttttnnct 240
gcactcgcta cgctggcca tgtccgacct caccctcagtt gtagatgcca tcacagatgc 300
gctgctggca gctcggcccc gccgccccta ttaccccggc cagggcctgg ggctcatgta 360
cttcacccac tactacctgc ctgaaggcct gcggcgncgc ttctctcagg ccttcttcat 420
cagtcactgt ctgcctcgag cactg 445
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<210> 2454

<211> 617

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (519)..(608)

<223> n=unknown

<400> 2454

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ccgagaaaca atcctgaggg ggtccccaac ccacctagtc actccttagt ttgcagaggg 180
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actatctgca gagtcctgtg aaaggctgca gtgaagtctt gcatgagact ccccatccag	240
cggagttctc caagctgcag ggtagagcgt tgtgccagga ggggtgtttgg gctcatgaaa	300
cagtggagag gcgcagaggc tcaactgggaa accttggcct caccgggcct ggattgggca	360
tcggcagtgg gcatgaagtg ggggtgggat tctttaggcc aggggtccagg acacttgggg	420
gatcgtaatg ctggggggtt tcggggagga accaagggt caccggagcct cctgtgctgc	480
agtggctggg ccataggtgc acatggctca ccgagccant gctggggaag ggccggggct	540
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<210> 2455

<211> 326

<212> DNA

<213> homo sapiens

<400> 2455

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tttgattggg acagcaattt agcagtaaaa aatgtcacct ttataaatcc tgtggtttct	180
ggttcttggc cagttaaatt caacctgacc aggaggcacg cttaattcta aaattgcttt	240
taccttctga agtttttgtg gtatagacat cctccttttt ctactttaat gaaagcatgt	300
tataagcaga tcataacaat tttttt	326

<210> 2456

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (364)..(377)

<223> n=unknown

<400> 2456
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 tacttagacc taagatcact tattaataat ccttattttc tccaagccca gcaaacgttg 180
 acttctgggc aaacctgaaa acctgaaaat gccactttca tgcagtttgt ttgaagttaa 240
 gtggaatcct ttcaaagac gagctgcaga gaactcagca cccaagggtt gcctatctgt 300
 agatagctgt aaaatggaat attttttaa atgaaggcaa aagtacttaa aagtggagt 360
 agcnataaaa tgggtccnaat aata 384

<210> 2457

<211> 384

<212> DNA

<213> homo sapiens

<400> 2457
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 ctgtgcccag cagaacatct gcctcgactg gcggaaccac acgcatgggg cctgcttggt 180
 ggagtgccca tctcacaggg agtaccaggc ctgtggccct gcagaagagc ccacgtgcaa 240
 atccagctcc tcccagcaga acaacacagt cctgggtgga ggctgcttct gtcctgaggg 300
 caccatgaac tagctcctgg ctttgatgtc tgcgtgaaga cctgcgggtg tgtgggactg 360
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<210> 2458

<211> 367

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14) .. (14)

<223> n=unknown

<220>

<221> misc_feature

<222> (246)..(246)

<223> n=unknown

<400> 2458

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gggtccgggg gaggtaaagc tgtcgagggc agtgaagggg gctgtgcca ccccgctcac      120
ccgctcccca gatgcctagg ggagcgccgg gcccggcggg aggtgccggt ggggagcccg      180
cagacgggtgt cctggcactg gcagctctcg atgtgggtgt aggtgtgtgt cagcgagccg      240
ccattngggc agctcaggac cacctcacgc tggctgggtt tctcctcttt gcagcaggag      300
cagctgtggt ccagggcctg ggccttgccc gagtacctga caaatgtccg caggaccccg      360
agcaatg                                           367
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<210> 2459

<211> 231

<212> DNA

<213> homo sapiens

<400> 2459

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aaggtagcca tggaagagaa tatggaagag ggacagaccc aaaaagggtg ttttgaatgc      120
tgtatcaaat gcctgggggg cattccctat gcctctctga ttgccaccat cctgctctat      180
gcggggtgtt ccctgttctg tggctgcggt catgaagcgt ttctggaatg t                231
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<210> 2460

<211> 541

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (375)..(512)

<223> n=unknown

<400> 2460

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tgcttcttga aaagtgccat ccaaactcta tctttgggga gagtatgata gagattgggg      120
ctcccttttc cctcaagggg ctccatagga atcccatctg ttctccggag tactggaagc      180
cgagcacatt tggcggcgag gtgggcttta acattgtcaa gacggccaca ctgaagaagc      240
tggctctgcct caacaccaag acctgtccct acgtttcctt cegtgtgccg gatgccagtc      300
aggatgatgg gcctgctgtg gagcgaccat ccacagagtc tgaggggagc gaaagcagca      360
ttctggaggg gaganctttg tgcttgtcat tccagagtcg tgangccagg gctgatggtc      420
ttaaatgctc attttctggg tttggcatgg tgagtgttng gggtgacatt tagaacttta      480
agtctcacc cttatctggg aatattgtga tncgtggtat tcttccagaa tgctgaaact      540
c                                                                                   541
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<210> 2461

<211> 285

<212> DNA

<213> homo sapiens

<400> 2461

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tcagctccga ggaggaagaa gctaactatt ggaaagatct ggcatgacc taaaacaga      120
gggcagaaaa tacgcaagag gaactccgag aattccagga gggaagccga gaatatgaag      180
ctgaattgga gacgcagctg caacaaattg aaaccaggaa cagagacctc ctgtccgaaa      240
ataaccgctt cgcattggagc tggaaacat ccaaggagaa gtttg                               285
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<210> 2462

<211> 425

<212> DNA

<213> homo sapiens

<400> 2462
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ttgctaaaat gaagactctg cagtctacac ttctcctgtt actgcttggt cctctgataa 120
agcccagcac caccaaccca gcaggactca cgcattatct atgattatgg aacagataat 180
tttgaagaat ccatatttag ccaagattat gaggataaat acctggatgg aaaaaatatt 240
aaggaaaaag aaactgtgat aatacccaat gagaaaagtc ttcaattacc aaaaagatga 300
ggcaataaca ccattacctc ccaagaaaga aaatgatgaa tgcccacgtg tctgctgtgt 360
gtttgtttta gtggcctgta tactgtgaag aagttgacat tggatgctgt accaccctta 420
ccaaa 425

<210> 2463

<211> 427

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (195)..(230)

<223> n=unknown

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<221> misc_feature

<222> (381)..(408)

<223> n=unknown

<400> 2463
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cgagaaagta gtataatagc tgtgatcatt agttatcaaa ataagtgaat gagctaataa 180
tcattgttag aatantaatt gtgttcttag atctcagatg ctttaatgan aaatgttatc 240
ttgaggtcaa ctttgacaaa tggggagata actgaaaaac atctgacatt ctaggtaggg 300

aaaacagaag caaatgctta aaaatgggaa taagtatgta ttctgtacac agagacaaac	360
ttgatttcaa tacgatactt natggnggaa ataatgtttg nacttnnnct tacacagtcc	420
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<210> 2464

<211> 572

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (543)..(543)

<223> n=unknown

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gtaaagctgc cctggatgag cagtttgaac ctcagaagac tctgttcac cagtgcgatg	180
tggctgacca gcaacaactg agagacactt ttagaaaagt tgtagaccac tttggaagac	240
tggacatttt ggtcaataat gctggagtga ataatgagaa aaactgggaa aaaactctgc	300
aaattaattt ggtttctggt atcagtggaa cctatcttgg tttggattac atgagtaagc	360
aaaatggagg tgaaggcggc atcattatca atatgtcac tttagcagga ctcatgcccg	420
ttgcacagca gccggtttat tgtgcttcaa agcatggcat agttggattc acacgctcag	480
cagcgttggc tgtaatctta tgaacagtgg tgtgagactg aatgccattt gtccaggctt	540
tgntaacaca gccatccttg aatccattga aa	572

<210> 2465

<211> 335

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (64)..(94)

<223> n=unknown

<220>

<221> misc_feature

<222> (332)..(332)

<223> n=unknown

<400> 2465

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aaantctgcg ggaaagggat ttcagggaga tttngaaaaa ccgctatgtg gtgctgaaag      120
gggaccagct ctacatctct gagaaggagg taaaagatga gaaaaatatt caagaggtat      180
ttgacctgag tgactatgag aagtgtgaag agctccggaa gtccaagagc aggagcaaga      240
aaaatcatag caagtttact cttgccact ccaaacagcc cggtaacacg gcacccaacc      300
ttgatctttc ctggcatgag tcccagaaga gnagg                                     335
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<210> 2466

<211> 325

<212> DNA

<213> homo sapiens ,

<220>

<221> misc_feature

<222> (38)..(286)

<223> n=unknown

<400> 2466

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ctgtctgtaa angnctctna actccctgan ctctgcanc accctcttt tnetggctcc      180
aattcgatga tgcctcttcc aacagccgtt ccgtctccag cagcagctgc tctgactcag      240
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aatccggcgg agaccnangg gggtecntgg gctttcgctt cccatntccc agtccctgaa 300
actctgccaa aagctcctga gtctc 325

<210> 2467

<211> 490

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (154)..(154)

<223> n=unknown

<220>

<221> misc_feature

<222> (424)..(477)

<223> n=unknown

<400> 2467

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gacatccgtt cagcagacac tacctcttcg tcancacctg cccaccctga cccgccttta 180
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cccaatccag gggactcggc gccgggacgc tgctatggac gacattttca ctcagtgccg 420
gganggcaac gcagtcgccg ttgcctgtg gtggacaaca cggagaacga ctnaacnagg 480
gggacgtcat 490

<210> 2468

<211> 442

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (50)..(198)

<223> n=unknown

<220>

<221> misc_feature

<222> (389)..(397)

<223> n=unknown

<400> 2468

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cccantccag gtagatgaca tggccanggc aaaacctgag gccagagtgt gcctggggat 120
atgagggagc tggagggcac ccatgtccag cccacctcag tgcttctgcc tcagtgagaa 180
ngggagggag ttggccanaa gggggcctgg gtgcatcaaa taggaagccg gtgagtcaag 240
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gtttggaacc attaaagggc tctgcgacgg gagtggcagg atatgaccta tttttgagac 360
attgtgctga gaacaggcct taaaggcana agcacanagc ctggctcggg gcgctgcagt 420
actgcggacg cgtgggtcga cc 442
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<210> 2469

<211> 265

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (185)..(185)

<223> n=unknown

<400> 2469
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gtgtgttttg ggagatgtca cctaaccagg acattgatat tcaatcccat ccccttctct 180
cccancctgc cccactttg atttaatcct ttggctgtgg gctgaggcct ccaggggaag 240
ctgggtgggg tgggtgttga gaccc 265

<210> 2470

<211> 337

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (293)..(324)

<223> n=unknown

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cagcaggcac catcctggac ggagtgaacg tcggccgtgg ctatggcctg gtggaaggac 180
acgacaggag gcagtttgag atcaccagcg tttccgtgga tgtctggcac atcctggaat 240
tcgactatag caggctcccc aaacaaagca tcgggcattc catgaggggg atnccatgt 300
ggtcaagtgg aanttcatgg tgancacggc agtggga 337

<210> 2471

<211> 414

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (65)..(77)

<223> n=unknown

<220>

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<222> (269)..(412)

<223> n=unknown

<400> 2471

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ccaatatgta tcttcataca cgtttggaat tggttctctg agcattaggt atgacttggt	180
ctgagtactg cttccggtgc taaaatgaac aaagaatttg tacttaatgg catggactct	240
ggagaatcta tgcgaatcaa cctttctanc ttaatatctc cccaaaaatg tatagtgcct	300
tgtttttatg tacagtttat atacagnaaa gtttgctctg ctttntgat gatgggttgg	360
aacattatct acaattttac tctcaaatag tcaaaatata aacatctcaa tntc	414

<210> 2472

<211> 347

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (342)..(342)

<223> n=unknown

<400> 2472

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actgtgagct gaggttggat gcagctggga gcttgggaca gagagagccc agggctcccc	120
tgctgtgggg cacctgcccc gcggggacat gagatgacag agacctcccc ggcgggggta	180

ctcaggtgct acgaacatgg cagctcttgt ttccggctga gccatggcca gagcaggggt	240
cagtctgccc ctgaacttgc tgaatggacc gacgagctga gcctgaaagc ccagaagagc	300
ctcgggtccag aagacggaga ctcgccccgg tgtccagcgc anccagg	347

<210> 2473

<211> 473

<212> DNA

<213> homo sapiens

<400> 2473	
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cccagatgca acaatcgcgg ttctggcttc tccactggtg gggatgggga tcgcgccttc	180
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agggacctca tcccgatggc cgaggcaggg gctccccacg ggataaaagg atccggcctg	360
gccttgggggt ccaagaggag ggccaaggga gtggacctgg cccctgtccc ctctcctcct	420
cgaaacactg gacacctgaa gcgagactat ggctgctgag gatctgtgtg atg	473

<210> 2474

<211> 483

<212> DNA

<213> homo sapiens

<400> 2474	
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gggtattcta taggggctgg ggtgcactta ggggtccctg ttgtcaacct cgtaagggcc	180
atggtggggg cagagttgtg atttggaatt ctctctgcct tctcgtctta gattatccta	240
gactttcccc aaacagcatt tctcaagatt gccagtgaga agtaccattt tgggggtgct	300
tattaacgat atcaatgcct ggacccaact ccatttccca actctagaat cccagaaaa	360
actgccttaa aaaaaaaaaat tagtcccag tgattcttgt taagaggcta atccaggaga	420
tatgctccct tggaaatctc agagggtccg tgcagacaat ccaggcatct cacttttatt	480

cta

483

<210> 2475

<211> 278

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (258)..(258)

<223> n=unknown

<400> 2475

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ctgtgagctc gggcccctgc accaacaaga gagccaaagt ctgcagttgc atttccgagt 180

ctgggccaaag actttcttgc agcgggagca ccagccattt agcctgcagt gtgaggctgt 240

gtacaaagcc ctgaagangc cctaccgaat cctgcctc 278

<210> 2476

<211> 586

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (415)..(415)

<223> n=unknown

<220>

<221> misc_feature

<222> (542) .. (542)

<223> n=unknown

<400> 2476

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tgaggggcag catcagtga gctggcaggc agaaccctaa ttctgcaggc ccaggacagt    120
gggctcccct ttctctgggg aacaggaggg gcctgtgtct ggccaggctg aggttccaga    180
tctgttgcca tcatggcccc ttcagggtcc tgggaaattc ctggcttctc ctaaatcagg    240
gtgaactggg cctccaggat caggtctgga gcaggcccaa atatagtcct ggatctgcct    300
ggattaggtg ccaatgtctg agtctggggt ccagatcaac tccagacccc aggctggatc    360
tggccccatt tgagttctga ttccccctgg agctgggctc tgggccctgg gccancatct    420
atccttgtgt ggcattctgc ctgagctggt cctggggcac catgcatagt tagtgttctt    480
tggtggccca ccagggtggg gctgtccaga actgccaggt cttaactccc caagttccag    540
gntcttaact gggggcttct tttggatctc tggcaaggct gaggac                    586
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<210> 2477

<211> 242

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (222) .. (222)

<223> n=unknown

<400> 2477

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ttgtttattg ttgaatctgt gtgtcagcca ggagagcgct gtctggcctt gaacatgggc    120
tgggatggga aagggtctgg gagaagatgg gcaacaaaga gccaggagat catggacatc    180
gcagcgacgc agaccccagc aggttcagtc cegtgtgcc ancaactgtc cagctgggtg    240
tc                                                                    242
```

<210> 2478
 <211> 192
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (9)..(192)
 <223> n=unknown

<400> 2478
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 agaatcgana attgcgtaca aaaaaaacct tanataagtt aagaatgaat acatttacag 120
 gcgtaaatgc aaaccgcttc canctcaang cangnnncng nccacggtgn tctggccana 180
 gncattnanc nn 192

<210> 2479
 <211> 314
 <212> DNA
 <213> homo sapiens

<400> 2479
 ctctaccagc aacttgagca aaatcgccgc ctactaatg aactaaagct ggccctgaat 60
 gaggattaaa cttaagagtg aaaaaacttg ggctgaattc taggcgtgga gcccatgtgc 120
 agaaaatcta agactgtcct accttcaact aatagagttg aaaacagttg ctttctgcag 180
 aaatgcaa at gcaaggaatt ggctgaaagg ctggccttgc ctgcttgttt ctctatatgg 240
 ctggaataat tacgttctct ttaatcacia aacagctttt atggtagata cttatatcaa 300
 ttcagcactg tcct 314

<210> 2480
 <211> 295
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (29)..(286)

<223> n=unknown

<400> 2480
ggaaaagagc acaaaaattc aactgatana gaacaacaac tgaaagtcac aattatccaa 60
ngtagtttgc aattactttt cagtttctta aacagctccc ctcaacttnn ttnttttaac 120
agtcttgcta atttttcagc tgcaacagcn tcaagttttc acagaattan gagcctcngg 180
gaggggaccc gcnttcaaga tactgaaggt gacatcaaga gtctcctcct nacaggacca 240
aactctatct aaaagttgct tacgngtaac ntgaatcttg tgtaanagtc tacat 295

<210> 2481

<211> 513

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (405)..(405)

<223> n=unknown

<400> 2481
tgctgagcca gtcacctgtg ttccaggagc cgaatcagaa atgtcatcct caggcacgcc 60
agacttacct gtctactca cegatttgaa gattcaatat actaagatct tcataaacia 120
tgaatggcat gattcagtga gtggcaagaa atttctgtc tttaatcctg caactgagga 180
ggagctctgc caggtagaag aaggagataa ggaggatgtt gacaaggcag tgaaggccgc 240
aagacaggct tttcagattg gatctccgtg gcgtactatg gatgcttccg agagggggcg 300
actattatac aagttggctg atttaatcga aagagatcgt ctgctgctgg cgacaatgga 360
gtcaatgaat ggtggaaaac tctattccaa tgcatatctg aatgnntagc aggctgcac 420

aaaaacattg cgctactgtg cagttgggct gacaagatcc aggggccgta caataccaat	480
tgatgggaat ttttttacat atacaagaca tga	513

<210> 2482

<211> 495

<212> DNA

<213> homo sapiens

<400> 2482	
tcacatttca gaaggcaaat aattctttca gaagaagcta catgtcaagt tttctatggg	60
tagtattaat actaatatga tttagcttat gtttaaaaaa atcaagaaaa gaaaaatttt	120
gtctttaaaa tctactatat tagtgactgt aaggagatgc ttagctattg aagagcttct	180
ctccactctt gtattttctt tatgagttct tctgagagat tttcactgtg actgttttga	240
cctctgtata ttcattgaaa ccgtactctc ccagttctct tccatttcca gacatcttga	300
atccaccaa ggggcactgg gcacttacca cgccatagca attcaccac actgttctg	360
cctgcagagc agaggagatt gttatggctt tatcaatgtc tttggtaaac actcctgctg	420
ataagccata gaaagtattg tttgctcttt tgatcacgtc atctaaagat ttaaacttca	480
tggaattggc tgcac	495

<210> 2483

<211> 258

<212> DNA

<213> homo sapiens

<400> 2483	
ggaggtgcct cagccatggc atggatccct ctcttctctg gcgtccttgc ttactgcaca	60
ggatccatgg actcctttga attgactcag gcaccgtcaa cgtccgtgtc cccaggacag	120
acagccacca tctcctgctc tggcgagaag gtgggaagta aattcttttc gtgggtatcaa	180
cagaaggaag gccagtcctc tgcgtgaatc atctatcaga atgggaagcg gccctcagag	240
attgctgacc gattctct	258

<210> 2484

<211> 358

<212> DNA

<213> homo sapiens

<400> 2484

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gtgcagggag aagggcttga tgccttgggg tgggaggaga gaccctccc ctgggaccc 60
gcagctctag tctcccgtgg tggggggtga gggttgagaa cctatgaaca ttctgtaggg 120
gccactgtct tctccacggg gctcccttca tgcgtgacct ggcagctgta gcttctgtgg 180
gacttccact gctcaggcgt caggctcaga tagctgctgg ccgcgtactt gttgttgctt 240
tgtttggagg gtgtgggtgg ctccactccc gccttgacgg ggctgctatc tgccttccag 300
gccactgtca cggctcccgg gtagaagtca cttatgagac acaccagtgt ggccttgt 358
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<210> 2485

<211> 539

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (517)..(517)

<223> n=unknown

<400> 2485

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aaccctgta ggctttttgt cccaagcaga ttgctgctg gcgcctgtgt gtgagaataa 60
gtgccttact ttgctgtgtg gttttcaact tgtactccgt ggccagcccc cagttgccag 120
ggctcgacgg cagccaagga caccatacct caggatagtt atatataaaa gggacacgga 180
ttgtgacagt ttcaccccat ttgtttctaa ccccgctgcc caggattagg gtctgtgggtg 240
tggtctgttt tgtttttggg ttctcccttg tgtcagttct cttctggccc agctgggtgg 300
ctgtggaagt ctgtgagggt gcccaaccac aagcatacct attaagagaa gccagagct 360
tccagcccc acttcgaaaa tctcctctgg cccacatag caaactcctt ctccgttatt 420
ttccccaccc ccagattttt tttaaaaggc ccacttgccg taactctttt ggtcattttg 480
cttcccatc aagcccaaaa gtttatatga taaaggnggt tacttttact tcccagtct 539
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<210> 2486
<211> 524
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (406)..(458)
<223> n=unknown

<400> 2486
aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctgtagtct gctttgctca gcgtcagggt gctgctgagg 240
ctgtaggtgc tgctcttgct gtctgtctct gtgacactct cctgggagtt acccgattgg 300
agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360
cacacaacag aggcagttcc agatttcaac tgctcatcag atggcnggaa gatgaagaca 420
gattgtgcaa ccacagttcg tttgatctcc acctgtgcc cttgccaaaa gtgtacgggg 480
gtgaactacc ataactgctg acagtaatat actgctaaat cttc 524

<210> 2487
<211> 355
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (15)..(106)
<223> n=unknown

<220>

<221> misc_feature

<222> (300)..(350)

<223> n=unknown

<400> 2487

cgccgccacc gtaangctag gccgcgagct tagtcctggg agccgcctcc gtcgccgccg 60

tcagagccgc cctatcagat tatcttaaca agaaaaccaa ctgganaaaa aatgaaatt 120

ccttatcttc gcatttttcg gtggtgttca cttttatccc tgtgctctgg gaaagctata 180

tgcaagaatg gcattcttaa gaggactttt gaagaaataa aagaagaaat agccagctgt 240

ggagatgttg ctaaagcaat catcaaccta gctgtttatg gtaaagcccc agaacagatn 300

ctatgagcga ttggcacttt ctggttgata ctgttgacc ccagactgan tggct 355

<210> 2488

<211> 115

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (77)..(113)

<223> n=unknown

<400> 2488

agtggaaaca atgttttttaa gaggtgatat aaagaaatgc cccactgta atccctacca 60

tatgttgatt ctatgtngta ggggtnacag tnggggnatt nctttntntn ggntc 115

<210> 2489

<211> 362

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (185)..(185)

<223> n=unknown

<220>

<221> misc_feature

<222> (312)..(318)

<223> n=unknown

<400> 2489

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cacccagcga ggctggcctg cacgagatgg acatccgcta tgacaacatg cacatcccag      60
gaagcccctt gcagttctat gtggattacg tcaactgtgg ccatgtcact gcctatgggc      120
ctggcctcac ccatggagta gtgaacaagc ctgccacctt caccgtcaac accaaggatg      180
caggnagagg gggcctgtct ctggccattg agggcccgtc caaagcagaa atcagctgca      240
ctgacaacca ggatgggaca tgcagcgtgt cctacctgcc tgtgctgccg ggggactaca      300
gcattctagt cnagtacnat gaacagcacg ttccaggcag ccccttcact gtcggggtca      360
ca                                                                                   362
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<210> 2490

<211> 258

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (136)..(251)

<223> n=unknown

<400> 2490

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tgggtggttg tgtacaggac ccccatcctt caccctccc agaaccaaag aagacaagca      60
gcgccaccaa atggctccct ctgcccgaagt gaaagccgag aggtcagcgg ctggctgggg      120
```


aggcaggtga gcgcacacgg cacagggcag gggcngntgn ngtganangn ngnnngncnn	180
nncngnctgg ncnggggttg atgggnagat ggcggngntn cttgggtagc ngggtaggnt	240
tggnggntgn nggttggt	258

<210> 2491

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (118)..(118)

<223> n=unknown

<220>

<221> misc_feature

<222> (261)..(374)

<223> n=unknown

<400> 2491

tgcatcaat gtatgtagca tgtctttgtc ttgtgctaag tggggattat taaccactta	60
gaatataaaa ttgtacaaca atttcacttg tttatttgca ttttgttttt tataactntt	120
actccctttt cccctcaaag gagaactgtg tttatgaaac tgtagttttg cctttggatg	180
aaagggcatt tgagaagact ttaacaccaa tcatacaaga atattttgag catggagata	240
ctaatagaagt tgcggaaatg ntaagagatt taaatcttgg tgaaatgaaa agtggagtag	300
cagtgttggc agtatnntta gcattggagg ggaaggctag tcatagagag atgacatcta	360
agcttctttc tganctttgt gggacagtaa tgagcacaac tggatgtgga aaaaatcatt	420
gataaattgt tgaaa	435

<210> 2492

<211> 126

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(119)

<223> n=unknown

<400> 2492

aatatntncn catanattag gtaaagttna agnnttgggt cnttggagta taantttttg 60
taanantagn cattatttgg taacagaatn tnaggatgat ggaatgatgc gaaggtatna 120
cacatt 126

<210> 2493

<211> 347

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (171)..(219)

<223> n=unknown

<400> 2493

atgaatgatt acgcagggca gcatgaagtt atctccgaga acatggcatc acagatcatt 60
gtggacttgg cagcgtatgt tcaggaactg aaacaggaga ggaaatcaaa ctttcacgat 120
ggccgtaaag cacagcagca catcgagact tgctggaagc agcttgaatc nagtaaaagg 180
cgatttgaac gcgattgcaa agaggcggac agggcgana gtactttgag aaaatggacg 240
ctgacatcaa tgtcacaaaa gcgatgttg aaaaggcccg acaacaagct caaatacgtc 300
accaaattggc agaggacagc aaagcagatt actcatccat tctccag 347

<210> 2494

<211> 359

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (247)..(322)

<223> n=unknown

<400> 2494

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gagggaaaca gattcagcag cggcacagct ggagaaggtc gtggagcagc accttgcttg      60
caggggtgttc tgagaatcag ccatgtcatc cctgtacca tctctagagg acctaaaagt      120
ggaccaagcc attcaggccc aggtcagagc ctcaccaag atgccagccc tgccagtcca      180
ggcaacagcc atttccccac caccagtttt gtacccaaac ttggcagaac tggaaaatta      240
tatgggnctt tccctctnca gccaaagaag ccaggagagc ctgcttcaga ttccagaggg      300
tgacagtaca ncggtctcgg gncccggggc cggccagatg gtggcaccgg taaccgggt      359
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<210> 2495

<211> 582

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (210)..(287)

<223> n=unknown

<400> 2495

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gacaacttat gcagtctgtg acaaagagca agtcaagcca aggaaaaagc tctcaciaag      60
aacgtagctc tgttctctta aaatgtgtaa ctgttttcct ggtagagcaa aatttcttga      120
aagggggcca gttgcgactt taagcagcgt ttaaacagcc tgccctcgtg tccagcattt      180
aaatcagcac aagagaatcg gctgcctgtn ggccctgcct gagcctcagc ctagcttgga      240
gtctgaggct ccaaggaggg ctgtgtgtat aagccatccc atggtcnccc tccctggacac      300
```

gccccctca tggcagcccc caccttaagc agcaggccgg ctgcaacca tcaccaagg	360
gtggttgccc tttgctgcag gagggcgga agccccccct gcctgccctg cctccagt	420
gcttcaggca tctgggatgg agtgggtccat ggtgtggtgg agcaggactg gaggcaactt	480
tttgaccatg tgctcgtaga tcacactggg gatgatggtc agggtgacaa cgttcccagc	540
cgtggccaga atctccatga tctttttgtc cttcagcccc at	582

<210> 2496

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (140)..(140)

<223> n=unknown

<400> 2496

gaacactgtt gctcttggtg gacgggcccc gaggaattca gagttaaacc ttgagtgcct	60
gcgtccgtga gaattcagca tggaatgtct ctactatttc ctgggatttc tgctcctggc	120
tgcaagattg ccacttgatn ccgccaaacg atttcatgat gtgctgggca atgaaagacc	180
ttctgcttac atgaggggagc acaatcaatt aaatggctgg tcttctgatg aaaatgactg	240
gaatgaaaaa ctctaccagc tgtggaagcg gggagacatg aggtggaaaa actcctggaa	300
gggaggccgt gtgcaggcgg tcttgaccag tgactcacca gccctcgtgg gtcaaatata	360
acatttgccg tgaacctgat attccctaga tgccaaaagg aagatgccaa tggcaacata	420
gtctatgaga agaactgcag aaatgaggct ggtttatctg ctgatccgta tgtttacaac	480
tggacagcat ggtccagagg acatga	506

<210> 2497

<211> 558

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (170)..(231)

<223> n=unknown

<400> 2497

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aatgtcatgt ctaacatata gtagatgggt ttagttacaa acagaggtga aatccttact      60
gatcaagttg ccatgaaaaa ccagggacct catctttgga aagtcttaat atatgatttc      120
aaatatgtgc agcgactgta caaaaatttg gaaatataca caagagtgtg nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntatgaatat      240
cattccttca ctcagccaag caaagtaggt tgtcaccaaa atactccac ccatttatga      300
gagtagtatt ttttctgagt ctagcaagtg tgcacatcat accacaggct tgggcctggt      360
attgttccat caggagttca tgagtgtgta ttgaagtggg attcagttag cttggaacat      420
gatcttagaa actggactac attggcttta tgcatacagt tacatggaaa gctgaaagta      480
tcccgcctct tcttgcagtt aacctgggtt aggctctaata caatagcagc ttctctcctt      540
actctcgga cacagtgt                                     558
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<210> 2498

<211> 514

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (66)..(66)

<223> n=unknown

<400> 2498

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gctgtgggta gagaagacag gactcaggac aatctccagc atggccagct tccctctcct      60
cctcancctc ctcactcact gtgcagggtc ctgggccagc tctgtgctga ctcagccacc      120
ctcggcgtct gggacccccg ggcagagggt caccatctct tgttctggaa gcaactccaa      180
catcggagaa gatactgtga attggtttcg gcagctccca ggaacggccc ccgaactcct      240
```

catctatagc actaatcagc ggcctctctg ggtccctgac cgattctctg gctccaagtc	300
tggcacctca gcctccctga ccacagcgg gctccagtct ggagatgagg ctgattatta	360
ctgtgcagcg tgggataaca gccttttttg ggtgttcggc ggagggacca agctgaccgt	420
cctgggtcag cccaaggetg cccctcggg catctgttcc caccctctc tgaggagttc	480
aagccaacaa ggcacactgg tgtgtctcat aagt	514

<210> 2499

<211> 523

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (179)..(198)

<223> n=unknown

<220>

<221> misc_feature

<222> (434)..(471)

<223> n=unknown

<400> 2499

gtgcaggag aagggttga ngccttggg tgggaggaga gaccctccc ctgggaccc	60
gcagctctag tctcccgtgg tggggggtga gggatgagaa cctatgaaca ttctgtaggg	120
gccactgtct tctccacggg gctcccttca tgcgtgacct ggcagctgta gcttttgtn	180
gacttccact gctcaggngt caggctcagg tagctgctgg ccgcgtactt gttgttgctt	240
tgtttgagg gtgtgggtgg ctccactccc gccttgacgg ggctgctatc tgccctccag	300

```

gccactgtca cggctcccgg gtagaagtca cttatgagac acaccagtgt ggccttggtg 360
gcttgaagct cctcagagga ggggtgggaac agagtgaccg agggggcagc cttgggctga 420
cccaggacgg tcanttggtc cctccgccga acacccaaaa aaggtgttat nccacgctgc 480
acagtaataa tcagcctcat ctcaagactt ggagcccgct gat 523

```

<210> 2500

<211> 462

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (94)..(94)

<223> n=unknown

<220>

<221> misc_feature

<222> (400)..(448)

<223> n=unknown

<400> 2500

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ctttgctaga acgaatcaga cattggtatc atctggtatc ccaaagcttc agggctctgtc 60
atccctttct atagacgggc accttgatca cggntccagt cttagaaatc atctccagta 120
cctaaaacca ttgtttcaca ttagaatact gagtctaggg atctagaaaa tactgagtct 180
agggatctag aaaaataagc ctcaagattt gggcacatcc tagcttgtat ttctgggggc 240
aggtcatcag ttcagaagca tttccagatc ctggctcctt tcaggttagg gtcaattcat 300
tgcataaat gggaatctct tagaggccaa tgcttgcttt tgcttcttta gtctcaaata 360
tagtatgaga aactctaaaa aaaggtaaag catggttgcn tattatgttc agttggagag 420
tagggtatac agttagttca tgttgganag gttagatgaa ca 462

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<210> 2501

<211> 328

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (34)..(71)

<223> n=unknown

<220>

<221> misc_feature

<222> (291)..(291)

<223> n=unknown

<400> 2501

cagtttgagg aaaccttaaa caataagtac acangacatg ccccatgggg cattccatag	60
cagagacaga ntctgtatg ttttattcca gaggcattgc atggtgataa taaaatgata	120
ggaaatagag gaaaatagat acaggaaaag gcaatagaca gggaagccag ctagatgtta	180
gagtatggag caatcgagga ggcataacca ctcttggggg ggctataggg ctggaaaatg	240
ctgaagatga ctgctttcac tgagggtcaag gattgtaata ttgccagctt ngtaaagcca	300
ttaaagcaga agttttcttc agtgatct	328

<210> 2502

<211> 284

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (266)..(266)

<223> n=unknown

<400> 2502
 agcagctgcc gaagtcagtt ccttgtggag ccggagctgg gcgcggattc gcgaggcacc 60
 gaggcactca gaggaggcgc catgtcagaa ccggctgggg atgtccgtca gaacccatgc 120
 ggcagaaggc ctgccgccgc ctcttcggcc cagtggacag cgagcagctg agccgcgact 180
 gtgatgcgct aatggcgggc tgcattccagg agggccgtga gcgatggaac ttcgactttg 240
 tcaccgagac accactggaa ggtganttcg cctgggaacg tgtg 284

<210> 2503

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (73)..(371)

<223> n=unknown

<400> 2503
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 aggggctcaa cgtnantgcc aggaaagaca actactccca gncccatatg agncacgtg 180
 gcatgccctg tccatagcct ctactgcnac catcttaaaa tgtctgactc cttgttccgc 240
 tgctaataca agtgcaatga actggggngg gatgggggtg atnaggaagg tcgctggacg 300
 atttnagggg ccantgtctc cctcctagaa agattactcc cccatcatat anncctaana 360
 cagagataac nccactcaag gg 382

<210> 2504

<211> 308

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (9)..(207)

<223> n=unknown

<400> 2504

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cttctctttc antggcttag gatctgattg cncctcacc tctaaagtgt ttccaagtag    180
agtctggcag tattagtttc cccacnaac aaattcaggt agagaagttg tagtcgaagg    240
gaatgttggg actcctcact gcatggtccc tggggtgtct ggctcatccc catcatgaca    300
tgagttgg                                     308
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<210> 2505

<211> 544

<212> DNA

<213> homo sapiens

<400> 2505

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cagcaagata ttgttgggt tttctttttt tctgtcaagt aagaaaaaaa aacacctgaa      60
ataaaaatta gaaacataat ctaagaaaaa ttggaaacaa gcatttcaag gaaacaattt    120
ggaaagataa ggaagagaaa acaacaagca gcatgagcag caaaagcagc agcaacatgg    180
ggggaaagct ggctctgctg tgaggacaga acaatcaaag accaacgtgc accttgcttt    240
ccataccagg ctgagctgag ggggtgggta aggggtgggca gtaaccatca gagaggcatg    300
aaggtttccc aggtgggatc agctgatggc tgctggctca ctgtggggag agggtaggca    360
atggcctcct gcaaacgggc ccagatccgc cctcttataa ggcttgccag ccaagtggca    420
gtgacggatt tggttagct ggctccctcc tctgtccact tgctccaatc tgcagctctg    480
caggtcacca toccacagtg atgagctcag caagcagaga ctcatcagaa cgtcagccta    540
agct                                     544
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<210> 2506

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (320)..(345)

<223> n=unknown

<400> 2506

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agagatgcat tactataaat caggacttgg tatatccatt tgttacatat tttcttaatg    120
tgggagtcaa agtgaagcta catagctaac aagtcttatt catttagtaa gttgggtgcc    180
ctctgctggt cataatgttt cttaaacaga ttcgtttcct ctaagagaag tttctatctc    240
cccttggcaa aacaaaatac tattcttgaa aaccagaagt tataataatt aatgatatca    300
ttcagtgtgt aacattagan actatgaagt ttaaaagagt caganggtag ttttctgta    360
gaaggaatag tatgtctctc taaaccagaa gagaaattac tgggaaatct ctctccctgt    420
cagttaccct aaaa                                         434
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<210> 2507

<211> 414

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (82)..(82)

<223> n=unknown

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<222> (223)..(223)

<223> n=unknown

<220>

<221> misc_feature

<222> (378)..(378)

<223> n=unknown

<400> 2507

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tataaggagc gagggacggt cttggctgag gaccagctag cccagatgtc aaagcagttg	180
gacatgttca agaccaacct ggaggaatth gccagcaaac acnagcagga gatccggaag	240
aatcctgagt tccgtgtgca gttccaggac atgtgtgcaa ccattggcgt ggatccgtgg	300
cctctggaaa aggattttgg tctgagatgc tgggcgtggg ggacttctat tacgaactag	360
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<210> 2508

<211> 529

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (502)..(502)

<223> n=unknown

<400> 2508

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aaagaaaccc ttttccattg aggaggtaga gggtgcacct cctaaggctc atgaagttcg	180
cattaagatg gtggctgcag gaatctgtcg ttcagatgag catgtgggta gtggcaacct	240
ggtgaccccc ctctctgtga ttttaggccca tgaggcagcc ggcacgtggg aaagtgttgg	300
agaaggggtg actacagtca aaccaggtga taaagtcac cgcctcttta ctctcagtg	360

tggaatatgc agaatttgta aaaacccaga aagcaactac tgcttgaaaa atgatctagg	420
caatcctcgg gggaccctgc aggatggcac caggaggttc acctgcagcg ggaagcccat	480
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<210> 2509

<211> 596

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (201)..(260)

<223> n=unknown

<400> 2509

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atttcccatc aatttccatt tctttggaaa gctcccacgt gtaatttatt tttaacatct	120
ctgaagagca gaattaatga tatttcctag ctgttgctcc agatcatgta gggtagagga	180
ggctgaaaac tgctacaagg naaggcatct gtattgtttc aaaacgtcag gacggtagcg	240
atactctttc cagagcgaan aggtcaaadc cttcatttat tttttcaaaa ggtaaaatat	300
ttgttattaa tgcattcagt gaaaacttct tagccataaa gtcagccaca agtttgggga	360
cagattcttt actcttaaag cctccaaaaa tagctccttt ccacgtgcgt ccagtcagta	420
gcagcatagg gtttattgag aggttctggg aatcaggagg taccctaca atgacacttg	480
tgccacatgc ctcatgacaa cataacaggg aagccatcat ggtgtcaagc cgaccgatga	540
cttcaaacga aaaatccaca cctccatcag tcatttcctt tagcacttcc tgaatg	596

<210> 2510

<211> 375

<212> DNA

<213> homo sapiens

<400> 2510

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tggaggggat ctttccttga ttacatcaag tatgttggtā catgggttta tacaagtcc	180
tcttgagaag gcaaaaagac caccatgtgt gagagctctt tgacttggcc aataggggcc	240
tatcttaatg cacttgtttg gacacatttc tgatcttatt tgtaaaggct gcaaaaggag	300
aggatgaaat gctgtaaaag taggaaatga agtggaagct ggaagaaaat gtaattggtg	360
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<210> 2511

<211> 483

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (231)..(471)

<223> n=unknown

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gtgcaccagg tcatttccgc aaatggcagg gtgagtgact gtgccgttcc caaggaagca	180
aaacagacac aaacagggtcc cacgcgctgg gtgtcctggc tgagtacaga ngaggctgct	240
agactggcag tacccttttc ccaagtgang aaagccagct gtgacactct gcttgccggc	300
aggggtcccc acnntccctt ccaccatctg gccatagct gtaccaccaa ttacattntc	360
ttccagcttc cacttcattt cctactttna cagcatttca tcctctcctt ttgcagcctn	420
nacaaataag ntcagaaacc tgtccaaaca agtncnttaa gataggcccc nattggccāā	480
gtc	483

<210> 2512

<211> 536

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (217)..(217)

<223> n=unknown

<220>

<221> misc_feature

<222> (483)..(483)

<223> n=unknown

<400> 2512
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ctccctggtg ccgcaccggc tgcgcctgcc gctctgcttc ctgggtgtct ttgtctgcta 180
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tctccccagc ctgtgacagg gatccccggc cttctgcctc tggaccggg ctttctctt 300
gtcctcctgc ccggctgtcg ccctcttagc accctactac ttttgcagct atggtgagcc 360
taccagaat tccagaatcc aggattatct tctggattct tcggattggt tattttcttt 420
tcttagctgt ttttccccgc ttggttctaa ggggctgcgt tttacaggct gagacttcta 480
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<210> 2513

<211> 482

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (43)..(98)

<223> n=unknown

<220>

<221> misc_feature

<222> (208)..(454)

<223> n=unknown

<400> 2513

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cttgatgtgg aggtantctc tctcttccta gtgggatntc ttcttagctc ctttcccaaa 120

cttggcatca agaccaagac ccaggaacac aagcacagtg cccaccact gcattggggct 180

gatgggattg gcgaagagga tcacagangc caaaattgtg aagaactttc gagttgtagt 240

gatgatggag caggtcaggn gaccaaata cacaaccgtc ataaagatga agctctgacc 300

cagggcactg gtcagcccaa agagcaggat gttatagatg atggcanggt acctttcagc 360

aaagctcaag aactcccaga gctccccagt gaacaggatt cccattccca gcagcaatgt 420

cgaccaaagg ttgatgttna gcatcatgtg gttngagcct gtttgggaaa ttagcccgca 480

tg 482

<210> 2514

<211> 458

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (425)..(429)

<223> n=unknown

<400> 2514

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cggagaaaca gtccacgggt gtgtacaacc gggaggccat gctcaacttc tgtgaaaagg 120

agaccaagaa acttatgcag agggagatgt ccatggatga aagcaagcaa gtggagacca 180

agacagatgc caagaatgga gaggaaagg gcagagatgc cagcaaaaaa gccctgggccc 240

ccagacggga ctcagatctg gggaaggagc caaagagggg tggtttaaag aaaagcttct	300
ctagagacag agatgaagct ggtggcaaga gtggcgagaa gccaaggag gagaagatca	360
tccggggcat tgacaagggc cgggtcaggg ctgcagtga taagaaggag gcaggggaagg	420
atggnagang agaggagagg gcagtggcca ccaagaag	458

<210> 2515

<211> 532

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (427)..(487)

<223> n=unknown

<400> 2515

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gcttaattgt tgctaaatat ttctccctcc cctctgtggc cttcaccagg ggaatatttt	180
gccaccatct tgaagaaggt gcacagtgcc ctgctcctct ttctatgtc cccaatgac	240
tcttaggggt ctcagatgcc atgactttca aggagagagt atggaaccac atcgtgcact	300
tggaggacca tttattttgc cagtatcttt ttagaaatgc cctagaaata gcctctgaaa	360
ttctccaaac ccctgtcacg gcatatgac tctacagtca cacatcaatt tggttgttgc	420
gaacggnctt tgttttggac tatcccaaac ccgtgatgcc caacatgac tttcattggt	480
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<210> 2516

<211> 359

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (353)..(353)

<223> n=unknown

<400> 2516

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cctgcacaca gctgccaca gccagagaaa tccatttaag cagactgcct gcctccttct      120
taacagtgca aggcaggcac tccctgccac aagagaccct gttccctagt agggcagctt      180
ttctcctccc cagaacctcc tgtctatccc cacccaatgt ctctcacag gcatattggg      240
gaaacaggtc aggtctctcc accgtatctg caagtgtact ggcatccatc tgtcttcttc      300
ctacccttac agtagaaaca gtgtctgtcc ccagctgtgc tctgatcccg gctccttt      359
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<210> 2517

<211> 512

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (46)..(46)

<223> n=unknown

<400> 2517

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gatcactggg gatgaaatcc agatcctgag taacctggtg atggaggagc tctgcccac      120
tcttcagaca gacctgtgc ctaagatgaa ggggaagaag aatgacagaa agaggacgtg      180
gcttggcttc ctgaggagg cctacacct gggtcagcat caagtttcag aaggattaag      240
tgccttgaag gaggaatgca gagctctgac aaagggcctg gaaggaacga tccgttctga      300
catggatcag attgtgaact caaagaacta tttaattgga aagatcaaag cgatggtggc      360
ccagccggcg gagaaaagct gcttggagag tgtgcagcca ttctggcat ccctcctgga      420
ggagctcatg ggaccagtga gctcgggatt cagtgaagta cgtgtactct ttgagaaaga      480
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ggatgaatgaa gtcagccaga acttccagac ca

512

<210> 2518

<211> 270

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5) .. (260)

<223> n=unknown

<400> 2518

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tctgancgcc ttcaaagaan ccnaggcagt catncgttct ggctcttctt gggcgggttc 120

ttctcttca nnggnccctc canactccag ctcttatgng catgtgcccg ngaatcgtgn 180

tengtctct cttgcnacag gattcancac ggggtcatcc actcttgaan taatnagctg 240

ctcagtggna tctnggggtn ggggtgggcc 270

<210> 2519

<211> 399

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (373) .. (373)

<223> n=unknown

<400> 2519

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caggttctga ggtttggggg ggcattgcat cttcatgggt tgatgggtctg tgaagccact 180

ggcagcccag ttcctcatcc ctctcttccc cacccttagc gtctccccag cagcttgagg	240
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tggcctctga gcagccctgc ccaggctctcg tccctctcca cagcccagaa cgatctcttc	360
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<210> 2520

<211> 395

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (130)..(130)

<223> n=unknown

<220>

<221> misc_feature

<222> (309)..(386)

<223> n=unknown

<400> 2520

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ctcatctggn cctggagctg ggctcccctg agatcagccc cagggcactg ggcgacaggt	180
gccatgccag gcctagggcg gggttggcat gaggggcagg ggctgggagg tgctcaggca	240
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gtccttgang ggaggacact ggtgcctcgg gctccaggaa tggaggccct gcaccagccg	360
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<210> 2521

<211> 444

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (264)..(284)

<223> n=unknown

<220>

<221> misc_feature

<222> (398)..(427)

<223> n=unknown

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gtacgttccc atgtgcccgc tgaaagcatg tgtggctgca gacgtgtcca catgggcctt 180

gcgaacctgg gttagaaacc ctggccaggc gaacgtgggg tgattcacag cacaaaagac 240

ctcaccacca cacctgcaact cacnccacct tgcatgcacc ttgntacctg cttgcggctt 300

tcagcggagg gcaggggtct ggcacaggct cgatggcacc ccatgtccag gcatacagat 360

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gtatcanaca gctttgagac gtct 444

<210> 2522

<211> 115

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(114)

<223> n=unknown

<400> 2522
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<210> 2523

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (49)..(49)

<223> n=unknown

<220>

<221> misc_feature

<222> (181)..(181)

<223> n=unknown

<400> 2523
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 accttaaaga caggggaaaa ggcaatggga cactcatcac cttccactca acatttcagt 180
 nctgtggaaa agaaagctcc gaacagggtcc aacctacatg cccaaaggag cttctaggac 240
 acaagaattg catcgatgaa attgagacca taatcagtgt taagctccag ctcattggaa 300
 ttgtcggtat tggaattgca ggtctgacga tctttggcat gatattcagc atggtcctct 360
 gctgtgcat acgaaactca cgagatgtga tatgaagcta cttctacatg aaaattgcaa 420
 tctaaagctt tcataccaaa tgtcacagga gctgtctccc agctcatttt aacactgaaa 480
 tgacattagg atctaaaata atttg 505

<210> 2524

<211> 610

<212> DNA

<213> homo sapiens

<400> 2524

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ggttaaatta tgaaggactt tgttttactt atgttaagt gtgaaaactg tagttcttaa      180
tctatgaaga attctctagg tggctataca agaaaaatac aaaaagttag gaaaacatgt      240
aaacgtaagt tatgaggtat ttcacagata cagtgcccat acaaattctc tttcccacaa      300
ttttcaactg ccagatctct tgcttttagtc ttttttcctt atatttgag aacagaaga      360
gtttgacata aaagtcctct tgaggatgtg aggggtgcag tagtttacag cagggtcaga      420
aatgaaagt aataaagcaa tatttacatg tttttgtata agaacaaaaa tatttcctta      480
aaaagttgtt aaaagttttt tagtcctata aacactcact tttatagggc acatgattgt      540
ctgtgtgact tctctttcca gaggaagact tttttatttt taaattctag gaaagcatga      600
cttattccaa                                     610
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<210> 2525

<211> 422

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(177)

<223> n=unknown

<400> 2525

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cgccggaccg gggggatcgt cagtatttaa acagatcaca tcatgcgtga gtacaancta      180
gtggtccttg gttcaggagg cgttgggaag tctgctctga cagttcagtt tgttcaggga      240
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atTTTTgttg aaaaatatga cccaacgata gaagattcct acagaaagca agttgaagtc	300
gattgccaac agtgtatgct cgaaatcctg gatactgcag ggacagagca atttacagca	360
atgagggatt tgtatatgaa gaacggccaa ggTTTTgcac tagtatattc tattacagct	420
ca	422

<210> 2526

<211> 351

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (319)..(346)

<223> n=unknown

<400> 2526

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tccaaagcat tatgcacaat ttttaattaga atataatgac agatgatatt ccataatttt	180
ttaaatataa aatgaagtca atgactcaaa aaagtatatc gctgcaatga gtttgagggg	240
acatttcata atcagtatca ttacagatat aaagtataat ggttcaactt tttagtgtt	300
gatagggagg atcatgatna aaagatcaan tatgaaatca tttganttat a	351

<210> 2527

<211> 247

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (47)..(47)

<223> n=unknown

<220>

<221> misc_feature

<222> (203)..(243)

<223> n=unknown

<400> 2527

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ctgcatttgg ctatgctgag ccaatcacag ctggccaatc atatacaatg ctctgattag 120
tcaggcctaa gtcacatgct cttgtctgga ggtggaaata gtttgctgg accacacgga 180
gtagatgagg aagaagggtg ttncccaagg aaaagccaag ttntggntnc agaanaaggg 240
annaaga 247

<210> 2528

<211> 368

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (43)..(45)

<223> n=unknown

<400> 2528

agctccagag cactcacggg ctgccagggt gagcaggcta ganantcacg acaccaggta 60
gctctgcagg tgctgggagg gcaatcacgc cagaggaaga gcaggctggg gagccctcac 120
cgcccaatgg ggactgacct ctggcccctg cccctctcca cccactgcc ctgaagccag 180
atttcctgct cagcatggac aggacagcaa gaggctaacc ctctgcccag gtggaagctg 240
accccaagcc acccttcacc tggacaggat gagagtgtca ggtgtgcttc gcctcctggc 300
cctcatcttt gccatagtca cgacatggat gtttattcga agctacatga gttcagcatg 360
aaaaccat 368

<210> 2529
 <211> 484
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (135)..(210)
 <223> n=unknown

<400> 2529
 gtccttcttc aggaccagcc gtcagcagtc cctgacgaaa gcacccatt ctctccacag 60
 acagctgggt ccagaaggac cctctgaggc tggctcttcg ggtaggatgt gctgtgggag 120
 gggtctgttt ccgangagga gaggcgcgac acagcgtgca aggacctgca gcaccttcca 180
 cgcagcacnc cctgctcttc ctctcagcn cctgccgggc tctgactcct aagtcaggca 240
 ggagcttctt caggccccctg gctgaggaag agccacagcc accctaaaat ggcttcgggg 300
 gcatgcagcc ctccatctcc agcagctctg gccatccctc gtatttggtt gtgtctgggc 360
 tgttctttaa gaactgctca aaggggcttt taccctgag gtctttgggt cctatgaaga 420
 cccagctgtc ccggaagccc agttgttttg cgtaggaact cccaagtca gagaagagtt 480
 tcct 484

<210> 2530
 <211> 433
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (51)..(51)
 <223> n=unknown

<220>

<221> misc_feature

<222> (401)..(401)

<223> n=unknown

<400> 2530

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cgtgtttaca gttagctttc agctggacac agagttccac tgctgggtac naacacctga      60
aagcctccag ttggctccag tctgttcctg atggttaaaa aaccttagtc ctgagttgga      120
aatccttgcc taggagtcca gggcagctta gtgaccacag ccaccggccc atccctgcct      180
ccagtgtccc tggactccaa gaacctttca gagtcattga gggcacatgg ggggagacct      240
gtgagtcctt aggtcaaccc tgatgctgcc gtggagagag ccctcctcac ctggacactc      300
ctgcccacgt cttgtgtagt gacctattgg gttgctgcac agagcagaga cgatgacgtg      360
cactgaggag aagttgttga ggcttaagca ctctggaga nggaagaatg agctgtgcgg      420
ttcagagttg gag                                         433
```

<210> 2531

<211> 173

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(161)

<223> n=unknown

<400> 2531

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tctatanggg ctgaatggnt tngtatgcag anananacgc ctcccctggg atcctgcagc      60
tccaggcccc tgtgggtggg gtgggggctn gaaccnatga acattctgca ggggncactg      120
acttctccac ggtntccct tcttgcanaa cctngcagct ntagccttgc ggg          173
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<210> 2532

<211> 305

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (53)..(303)

<223> n=unknown

<400> 2532

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ggtaaattga caagaagtat ttattgtttt tccatattgc tttattgcct tcnttgggga      60
taaaccaatt cctatccttt tttatatgtg taagtnaagc ctgaagtgta gggggccttt      120
gttcttggag cngccagggt ctccctgccc tggccttggc ctccctaga ctgtgtgggg      180
ctcagcattg ggannggttg cacatgtccc aacctttggc ccccttactt ttcancaagc      240
caggggceca ncagtcagct cccaggatgt gtggggagct gtccctgant ctgcaggcct      300
gancg                                          305
```

<210> 2533

<211> 319

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (240)..(240)

<223> n=unknown

<400> 2533

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ttgcaaagaa acaaagcagc tgtacaggag tggggacgcg tcagtgtaca atacattcat      60
gtccaggata aggagcatac accaggattt atacacggtg gcagcggcta taggcacgat      120
gatacaaat ataaagaata tttccatcta tataaataca cagctgggggt ggggaaggat      180
gctgggtgat cttgtttccc ccgagaggg cctggggaggc agggaggggtg gtgggaagggn      240
atttcttaca tttgtttctca atgatgggtc tgaagggagg agagaaatgg ggaaacacag      300
```

cctgcacaca ctgatgtgc

319

<210> 2534

<211> 433

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (32)..(53)

<223> n=unknown

<220>

<221> misc_feature

<222> (205)..(428)

<223> n=unknown

<400> 2534

agacgccaga cccgctcaga ccctcctgcc angtgacagc cgccaagatg ggntcttggg 60

ccctgctgtg gcctcccttg ctgttcaccg ggctgctcgt ccgacccccg gggaccatgg 120

cccaggccca gtactgctct gtgaacaagg acatctttaa agtagaggag aacacaaatg 180

tcaccgagcc gctggtggac atccncgtcc cngagggcca ggaggtgacc ctcgagcct 240

tgtccacccc ctttgcattt cggatccagg gaaaccagct gtttctcaac gtgactcctg 300

attacgagga agaagtcact gcttgaggct cactgctgtg tcagagcgga ggcacattgg 360

tgaccagct aaaggggtgt cngtnagtn ntggacgtca atganaatgn cccccgantt 420

cccctttnaa gac 433

<210> 2535

<211> 377

<212> DNA

<213> homo sapiens

<400> 2535
aaactgacaa gtcaaggcag gaagatgttg ccatcacaac tcattggggtt tctgctgctc 60
tgggttccag cctccagggg tgaaattgtg ctgactcagt ctccagactt tctgtctgtg 120
actccaaagg agaaagtcac catcacctgc cgggccagtc agaccattgg tactacctta 180
cactggtacc agcaaaaacc atatcagtct ccaaagctcc tcatcaaata tgcttcccag 240
tccttctcag gggccccctc gaggttcagt ggagtgat ctgggacagc ttccaccctc 300
accatcaata gcctggaagc tgaagatgct gcaacgtatt actgtcatca gagtagtact 360
ttaccgtgga cgttcgg 377

<210> 2536

<211> 485

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (470)..(470)

<223> n=unknown

<400> 2536
agcataatta aagccaagga ggaggagggg ggtgaggtga aagatgagct ggaggaccgc 60
aataggggta ggtccccctgt ggaaaaaggg tcagaggcca aaggatggga gggggtcagg 120
ctggaactga ggagcaggtg ggggcacttc tcctctaac actctcccct gttgaagctc 180
tttgtgacgg gcgagctcag gccctgatgg gtgacttcgc aggcgtagac tttgtgtttc 240
tcgtagtctg ctttgctcag cgtcagggtg ctgctgaggc tgtaggtgct gtccttgctg 300
tcctgctctg tgacactctc ctgggagtta cccgattgga gggcgttatc caccttccac 360
tgtactttgg cctctctggg atagaagtta ttcagcaggc acacaacaga ggcagttcca 420
gatttcaact gctcatcaga tggcggaag atgaagacag atggtgcaan cacagtttcg 480
cttga 485

<210> 2537

<211> 277

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (121)..(270)

<223> n=unknown

<400> 2537

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tgtctccaaa ttaacaaaaa aattattaac ataatttatt tgagtcatac aatacataga 60
gtatttcaag tgaattaaaa tactataaca atgtaagaga atgtttataa aaatggaaga 120
naganataga aaaaccaccc atactactac catcgcaatg taaatttctt ttccatattc 180
cttcacagta atttttccaa ttatgtaatt tgtatnacac tctggncata acgtatccat 240
aaagtgggta tgttgttggt tttgagaccn cattttt 277
```

<210> 2538

<211> 511

<212> DNA

<213> homo sapiens

<400> 2538

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attgaataaa atcagcttgg gagaaaatta gttgcttgct aaatcatgga aaacaacaat 60
atctttttga acaatatatc ccacagaatg ttgtagagtt caatgcgaac ttcagtccag 120
gtcaacgtcc cttggcttat gctctctcat aaactctcgt ggaagtgacg cctttcatga 180
cgcattccta gacacaaaaa acaattcttg gtcaatcact ggattaaacc atggatttat 240
ttattgtctc tctgaatggt gggaataaaa caatattcat tccaaagata ttcatttctg 300
gactcctata tatgtaaccc atatattgta ataagatagg gagatataaa gaccaggaaa 360
atacaagttt tcccctccag gtgccttaaa atctgtatgg tgactgagaa acataagcag 420
agataggtaa tacaatatgg tggaggtacc actggagaca gccttaggat gcctggaagc 480
aggcagagaa tgcttcctag aagacagcat g 511
```

<210> 2539

<211> 441

<212> DNA

<213> homo sapiens

<400> 2539

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gcctggagtg ttattttaag aaagcagaag caccatcatt tgcacactcc ttatagatca 60
cacaccttaa ccctgacttt ttttgetcca gtttttcaga agaagtgaag tcaagatgaa 120
gaaccatttg cttttctggg gagtcctggc ggtttttatt aaggctgttc atgtgaaagc 180
ccaagaagat gaaaggattg ttcttggtga caacaaatgt aagtgtgccc ggattacttc 240
caggatcatc cgttcttccg aagatcctaa tgaggacatt gtggagagaa acatccgaat 300
tattgttcct ctgaacaaca gggagaatat ctctgatccc acctcaccat tgagaaccag 360
atttgtgtac ccatttgtct gacctctgta aaaaatgtga tcctacagaa gtggagctgg 420
ataatcagat agttactgct a 441
```

<210> 2540

<211> 349

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (209)..(239)

<223> n=unknown

<400> 2540

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aaatagtcac attgttatct ttattaggta atcacttctt aattatatgt tcataactcta 60
agtatcaaaa tcttccaatt atcatgctca cctgaaagag gtatgctctc ttaggaatac 120
agtttctagc attaaacaaa taaacaaggg gagaaaataa aactcaagga gtgaaaatca 180
ggaggtgtaa taaaatgttc ctgcattnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnng 240
ccttggagag ccagagcttc cgcattttct ttactattct ttttaaaaaa agtttactg 300
tgtagagaac atatatgcat aaacataggt caattatatg tctccatta 349
```


<210> 2541
<211> 360
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature

<222> (142)..(142)

<223> n=unknown

<400> 2541
atggcctctc catctgcccc cttttccaaa gggtcacatt gggttttccc ctctcctgca 60
gtggactcag tgtcgctgc caggagaagt gccactgctg ctctctcttt ctggccccaca 120
attgtccgtg cctgggctac antgacagcc acctgattca ttccctacc tctccagtct 180
agtctccaca ccacagcgaa ggcaatcttt agaaaatctt tataaaacct ccagctcaaa 240
attttctctg gctcttcaact gtccttcgag caaaatctga aaccctgagc ataatttatg 300
gaagacctgt gaccgggctc cagctgacct ctccaggctc atctctcttc ccaacctccc 360

<210> 2542

<211> 523

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (62)..(62)

<223> n=unknown

<220>

<221> misc_feature

<222> (204)..(204)

<223> n=unknown

<220>

<221> misc_feature

<222> (372)..(519)

<223> n=unknown

<400> 2542

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anggggacca tgagtggccc ctgtccctgg cccacagac tctgagaagc gaagaccatg 120

tctcctcgtt ggagaaaccc aatagcaggg gaagctgggg ggtcaagcac catcgcacca 180

acactccacc gcgatctgcc tgcnggggat ctcagcgcag agaagttgag aggacccatg 240

aaggaagcaa ggacacgggg caggcacctg gatgttgaga gtggagatgt ggcgctccag 300

gttctgcttg gcctccatct cctcgtccag ctgggtcttg aggctgttcc gctcctctc 360

cagctggcgc anttcgtaga cacgttgagc ttctgcnggg tttcttcttg aagcagctcc 420

tgcaaaaggg atgcaaagan gtcccaggga cctgcccccg agggaaggcc accccccag 480

gttcccctgg atgatgtggc aggacactca ctgggtgtnc tgg 523

<210> 2543

<211> 567

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(566)

<223> n=unknown

<400> 2543

gaacacctca agtactagcc catgtgtttt gagtaaaaag ggctcctttc aacgaggatc 60

cccttctaga ggctttgact aaccagtctc ttggcaccct tagaatgaag ttgagagcgt 120

cacagggatg cttaacgagg ccgaggggaa ggccattaag ctggccaagg acgtggcgtc 180

cctcagttcc cagctccagg acaccaggt gagtgtcctg ccacatcatc caggggacct 240

ggggggtggc cttctcggg gcaggtccct gggacctctt tgcattccctt ttgcaggagc	300
tgcttcaaga agaaaccgga cagaagctca acgtgtctac gaagctgcgc cactngagga	360
ggagcggaac agcctgcaag accagctggg acganganat tganncnaag cagaacctgg	420
agcgccacat ctccactctc aacatccagg tggtgcccc gtgtccttgc ttccttcatg	480
ggtcctctca anctttctct ggcgttgaga ttccccccgc aaggcaagat tcgcggtgga	540
agtgttnggt gccatggtgc ttgaanc	567

<210> 2544

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (247)..(326)

<223> n=unknown

<400> 2544	
gtacacacat caggaataag atgtagagcc cattatcact acttcttttt aattgtttga	60
gaatagtggg tgagaaaaat aagttaaaaa atattttctg caagcaatat gattataaac	120
ttggaaaacc caagagggtc aactgaaaaa ttactgcaaa taagtaaatt aattaaaata	180
gcagaaaacc ataccctttg tatagccaca cacacatacg cagggaatag aagatataac	240
agaaganaac actcttttca caatntcaat gagaagacaa gccaggaat gaatttaaga	300
agatgtagaa aatcccatat gaggnngtca ttccaaagca ctacggagga taciaagggt	360
tgtgaatggg aagacgtatc tt	382

<210> 2545

<211> 328

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2) .. (2)

<223> n=unknown

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<220>

<221> misc_feature

<222> (101) .. (328)

<223> n=unknown

<400> 2545

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cntgataaca agcttggctg agcagagggga actaggggtc ggcagaaagg attatgggtg      60
gaaaacattg gctcttcctt ggggagtgat gctggggaaa nggaaganng tggctcagcn      120
tncaggtaaa taggctagaa aagccaaggc caaangctng nngggagang acantcagca      180
tgtccancct naggtctggg tgtaggggta tcccttctcc ctgtgccttc ccatctcgtn      240
catgagccta gntcttagag ccttgtgntg gaggctgctg tgatnncng aaccgggatc      300
tgtcnagcnt ttggccacnn cctgggan      328
```

<210> 2546

<211> 455

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (278) .. (360)

<223> n=unknown

<400> 2546

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ccgggattgg ctgcgggcct cgcgaccctc ctgcttcctt ccccgccccg cgccgcctct      60
ctggtttgtg cgcccgtgc aggtcgcagg cctctttgtc agctggagtt gcgcgggctg      120
acgcgccact atgtagcggg ttctgggcgg gccacgcgtg cgggacagga acccaacccc      180
```

agccgacctt gagctccagg agttcgtctc ttacgtctgc ggaagtgcag ctgcctcagt	240
tcttagcgca ggttgacaac tacaggcaca agccattnaa gctggaatgt cctgttgctg	300
gtatttcaat tgacttaagc caactatccc ttcagttaca ataggaaagt gcctctaata	360
aggccaaata tgcgtactaa cttgtagcaa ccacgtgtcc gtgcagtgca caagagtaga	420
gcagtgacaa tgctggtggc aacagggcag tgtag	455

<210> 2547

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (367) .. (367)

<223> n=unknown

<400> 2547

cggaggtggc agccctgagc ttacaaaatg aggggtttat atgggggaga gagaccctgg	60
ggttgttagt caattaactt taccacatat aatctcatga ccggcttaca atatattatc	120
ttgtgaaaat aggaatttac aagggggtgt aatccacgtt tctcatgacc tcccccgctg	180
caccagagg gcttcggtgt agcaagtctg gtgaccttgc tatagcgct agataacggt	240
tcaggaatgc agctgcagag tattcagggt aagggtcagc tgcattgagt tagcgggggc	300
ggagtgggtc tggggcagcc tgtccctaac agaatccacc tccgagttgt gacaattaaa	360
tgaaaangtt gaaaaggtga acatgaagca cctgctacac tgccctgttg ccaacagcat	420
tgtcactgct ctagctcctg t	441

<210> 2548

<211> 332

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (229)..(285)

<223> n=unknown

<400> 2548

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ctcgccccgc tctcagccgc cgctctgccc cgcagcagcc agccccgtgt ccggcagtat      60
gttcagctgg gtcagcaagg atgccccccg caagaaggag ccggagctct tccagacggt      120
ggccgagggg ctgcggcagt gtacgcgcag aagctgctac ccctggagga gcactaccgc      180
ttccacgagt tccactcgcc cgcgctggag gacgctgact tcgacaacna gctatggtgc      240
tcctcgtggg gcagtaacag caacgggcaa agaccaactt catnngacaa cctgatcgag      300
caggacttcc cggggatgcg catcgggccc ga                                     332
```

<210> 2549

<211> 266

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (103)..(103)

<223> n=unknown

<400> 2549

```
cagtcccccc acctacaact cagcacatga ctacatcagc tgggaatctt tctccaacgt      60
gagctattac actcgtatct tgccctctgt gcctaaagat tgncccacac ccatgggaac      120
caaagggaag aagcagttgc cagatgccc a gctcctggcc cgccgcttcc tgctcaggag      180
gaagttcata cctgaccccc aaggcaccaa cctcatgttt gccttctttg cacaacactt      240
caccaccag ttcttcaaaa cttctg                                     266
```

<210> 2550

<211> 485

<212> DNA

<213> homo sapiens

<400> 2550

```
cagcactggg attccgaggt gtttccattc ggtgatcagc actgaacaca gaggactcac      60
catggagttt tggctgagct gggttttcct tgttgctatt tcaaaagggtg tccagtgtga    120
ggtgcagctg gtggagactg gaggaggctt gatccagcct ggggggtccc tgagactctc    180
ctgtgcagcc tctgggttca ccgtcagtac cagtagcagc tacatgtgct ggggtccgcca    240
ggccccaggg aaggggctgg agtgggtctc agttatttat agcggtggtg ggacaagtta    300
cgcagactcc gtgaaggggc gattcaccat ctccagagac aattccaaga acacgatgta    360
tcttcaaatg aacggcctgc gagccgagga cacggccgtc tattactgtg cgaccgatag    420
tagcggtaat tacttcgggt acggtatgga cgtctggggg ccaagggacc acggtcaccg    480
tctcc                                                                 485
```

<210> 2551

<211> 360

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (83)..(345)

<223> n=unknown

<400> 2551

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aggctcagta gcaggtgccg tccacctccg ccatgacaac agacacattg acatgggtgg      60
gtttaccgcg caagcggctg atngtcttct gtgtgaaggc cagcngcagg gcntcgtngc    120
ccaccatgca ggaaaaggtn tcccccttct tccagtcttc ggctgccacg cgcagtangc    180
tggtcacagc gaaggtggtg gtgccctggc tgggtctctg ccgggatgcc caagtcaggt    240
acttctcgng gggcagctcc tgtnaccctt gcagccagcg aaccagcaca tccttggggc    300
tgaagccacg tgccaggcag tcancntcac canctcgttc agggncagct cctccgacgg    360
```

<210> 2552

<211> 301

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(44)

<223> n=unknown

<220>

<221> misc_feature

<222> (294)..(301)

<223> n=unknown

<400> 2552

gcggcgggcg gacngcgctg agtgtctccg tgcgcccgtc tgtngccaag cagccagcag 60

cctagcagcc agtcagcttg ccgccggcgg ccaagcagcc aaccatgctc aacttcggtg 120

cctctctcca gcagactgcg gaggaagaa tggaaatgat ttctgaaagg ccaaaagaga 180

gtatgtattc ctggaacaaa actgcagaga aaagtgattt tgaagctgta gaagcactta 240

tgtcaatgag ctgcagttgg aagtctgatt ttaagaaata cggtgaaaac aganctgtta 300

n 301

<210> 2553

<211> 420

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (192)..(420)

<223> n=unknown

<400> 2553
acaacaaaag aaatattgtg caaattgtaa gtcacaagga ttttttttaa ttaaaacttt 60
tgttttccaa gggccaagt tttgatgtca gaaatctaca cccaatatac aaaaacaatg 120
ttaaatggga agatatagtg acatttttca ctatatattt taagcaatgt acttttgttt 180
tgccactgtg tntatcatcc nctatataac agcataaaaag aganatactg ttaacaaaag 240
tgaatgttct aataattncc tanccaccta cctccacatc cccaaaaaac tcctataaat 300
taacaggaca acattcgtcc acctgtgaat aatggtcnct aattttctaa ttcaataaag 360
cacncattat atcctcataa cataaaggta tntactgatg acataagcat ctttttcaan 420

<210> 2554

<211> 256

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (178) .. (189)

<223> n=unknown

<400> 2554
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ccgtgggttg gcttggggct gtgatcctgg cccgctcccg ggcgcaactt cagctcggtg 120
cagggtgca gagaggtcag cagatggacc ccgaccgagc cttcatctgt ggagagancc 180
gccagtttnc ccagtgcctt atctttgggt ttctgttctt gacaagcggc atgctcatca 240
gcgtcctggg caattg 256

<210> 2555

<211> 539

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (372)..(523)

<223> n=unknown

<400> 2555

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gaagatagag gcaagaatgt agctgcagca ttttcttttt cttcatatct aggaggcaat      120
tcagatggaa gatgtggagt gtgtgaggcc tcagaagatg aattcggtccc agaaatggta      180
tatatagatt cacagtctct ttcagaggct gcaccctctg aagttggggg cccatagttg      240
aaaatactgt aatatgaagg ggggttttca ttcggaagca gactgttagt tccaggactc      300
tcagcgaccg cagaagctac agtgacctgg acagggtcca taatctggat ctgtccctct      360
tctctctcag angcatcctg gccagcattc agcgtgtttc tcttcttaac atgggnaacc      420
acgaagaaac acaatcccac aagcacaatc aaggggcccc tgtctncaga gaaaggaanc      480
cacacatccc ggggtctgag tcgccantgt ctgtctcggt tancgggtcc tgcgcccat      539
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<210> 2556

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (433)..(527)

<223> n=unknown

<400> 2556

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ccccctggct ggacatgtgg ggtttgacag cttgcctgac cagctggtga ataagtccgt      180
cagccagggc ttctgtttca acatcctgtg cgtgggagag acaggtttgg gcatgtccac      240
cctcatggac accctgttca acaccaaatt cgaaggggag ccagccaccc acacacagcc      300
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gggtgtccag ctccagtcta atacctatga cctccaagag agccaacgtg aggctaaagc	360
tcacgatcgt tagcacagtt ggctttgggg accagatcaa caagaggaca gcttacaagc	420
tatcgtggaa ttnatcgatg cacaattcga ggctacctgc aggaagagta aagatccgaa	480
gagtgtctaca nacctaccat gacttcccga attccatgtc tgcttgnatt cattgcccc	540
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<210> 2557

<211> 521

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (472)..(517)

<223> n=unknown

<400> 2557

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atggcttgtc agatgacaag aaaccattca agtgtttcac tcctaaaggt tcattctctca	180
agatagaaga gcgagcagaa tttttgaata agtctgtgca gaaaagcagt ggtgtcaa	240
cgacccatca agcagcaata gtctccaaga ttgacagcag actggagcag tataaccagt	300
caattgaggg aacaaaaagc gcaaaaccta caaagccggc agcctcggat cttcctgttc	360
ctgctgaagg tgtacgcaac atcaagagta tgtgggagaa agggaatgtg ttttcatccc	420
ccactgcagc aggcacacca aataaggaaa ctgctggctt gaaggtaggg gnttctagcc	480
gcataatga tggctaacta aaaccccagt ggaaacnagt c	521

<210> 2558

<211> 599

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (541)..(541)

<223> n=unknown

<400> 2558

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ttaggaatgg cagattcaca gaacatgcta gtcagcttgc agttttacct cgtaaagata      120
acagagaatt atagtcaaac cagtaaacaa ggaatttact tttcaaaaga ttaaattcaa      180
actgaacaaa attctaccct aaaacttact ccatccaaat attggaataa aagtcagcag      240
tgatacattc tcttctgaac tttagatttt ctagaaaaat atgtaatagt gatcaggagg      300
agctcttggt caaaagtaca acaaagcaat gttaccttac cataggcctt aattcaaact      360
ttgatccatt tcactccaat gacgggagtc aatgctacct gggacacttg tatttgtaaa      420
ttctgattta gcttattgta gacttggtgcc tactttgtca tgagggttga cttctgcac      480
ttcgtgggct ttccttcctt tgggcttagg gttgctaaag ctagaaggat tcaattgctc      540
nttacagact tatgaggaag atagactttg gtaacgcaga tggtcacttc tcatggcca      599
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<210> 2559

<211> 554

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (335)..(335)

<223> n=unknown

<220>

<221> misc_feature

<222> (499)..(499)

<223> n=unknown

<400> 2559
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ctccacaaat tttctttcat ggctctacaa tgacagccct gtcaaggatg aggtggtagt 180
aaatgaccga tggggtcaga actgttcctg tcaccatgga ggatactata actgtgaaga 240
taaattcaag ccacagagct tgccagatca caagtgggag atgtgcacca gcattgacaa 300
gttttcctgg ggctatcgtc gtgacatggc attgnctgat gttacagaag aatctgaaat 360
catttcggaa ctgggttcaga cagtaagttt gggaggcaac tatcttctga acattggacc 420
aactaaagat ggactgattg ttcccatctt ccaagaaagg cttcttgctg ttgggaaatg 480
gctgagcatc aatggggang ctatctatgc ctccaaacca tggcgggtgc aatgggaaag 540
gacacaacat ctgt 554

<210> 2560

<211> 423

<212> DNA

<213> homo sapiens

<400> 2560
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agcgaatttt ggcgctttta gattgctctg aaaatttctg aagagttgac catagcagcc 120
tggtaaacct tttcctttcc cccaaagctc tcttgccctt tgcagaaaga ctgttggtga 180
caactgatgc taactaaata gcatgtggtt gagcttgcca aatccttcca cctcctccca 240
taggcaacag ggtgacttgg cttaaaggca ttgagtaagc aagtaggtta tcagagaaca 300
gaggggaagat tccattgtag ataatttcca aatattacaa ttgatgaact cagagttcaa 360
ctgctcagtt ccttcttctg ctgacctgat acagatataa tcccaatggg atctcagatc 420
ttt 423

<210> 2561

<211> 344

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (300)..(300)

<223> n=unknown

<400> 2561

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ttcagagaaa ggtgaacgag gaattggact tgccagacca gttcatgagg gaaggctgga      120
gggccctggc attaaggaca gcacaggcac accaatgaca gagcaaaggt gctgcagagg      180
ggccacgatg gctaaggaat ggctttgtta tgattccctc attggcagga tctgggtgaag      240
aatcatctga tgtatgctgt gagagaggag gtggagatcc tgaaggagca gatccgagan      300
tggtggagaa gaactccac tagagcgtga gaacaccctg ttga                          344
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<210> 2562

<211> 354

<212> DNA

<213> homo sapiens

<400> 2562

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gctacatttg gaaaatcaaa atccaaatcc tggaaccata catcaggata aggtgtcaaa      60
aagtggaaag tggtcactct cacaaaaccc gctacagaca agctttcttg gcacacctcc      120
caggctccat tggatcaaag ccatcccctt gttcatccct catccacagt aggacaccat      180
ccttctgttc acttgaaagt tttccacaat aattacaaaa caaaacaaaa aacgttttca      240
aatgacactg tgaagcccaa aactgatttc tctcaacccc cattctatgt agtcagcacc      300
agtgaatggg gggtttggca ttcaaaacag gacttcacgt ttcagtggac agct          354
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<210> 2563

<211> 570

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (441)..(565)

<223> n=unknown

<400> 2563

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tgggtcagcc atatgtattt tgtttaaagg atttaaaata aagtgccgtc atgtagccct      120
gtggaaggga gcacataacc agctgtttgg catgacaggt gacttagtat atttghtaatt      180
ggttttaaaa ccaatacacc atactttctt tctgcaaaca gccatcttta tacttaggga      240
agaaaaattg ttgggttcta gactttttta atataaattt tgttgatatg gaattaggta      300
agttaaagtg tctatgtgca tatgtttttt atataagttt tttctattca gtttcaactga      360
tccaactggc agtgggtaaa tatggcataa gttaataaca ctttcccaa aatgggtgctt      420
tggatttgaa aagggtctga ngggggagaa gggagaaccg tatccatccc ttagcttctt      480
ctccttaaag aaaancctag gaaaaaccgg ggtagtaaaa ccggtnggat aagtcnngga      540
aaaacacccc agcaaagggg ccacnagcct      570
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<210> 2564

<211> 537

<212> DNA

<213> homo sapiens

<400> 2564

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agaagaagaa actcaaaatt cctatctgcg tgctaatttg aaaagaacaa cgtagataga      60
tttgttggca catatatatg gcatattcac atatggcata tatacatatg gggagaaaac      120
atgaacccaaa ggccaattca gttatgggag ctcatctcct tccatctctc ctaatcaaga      180
gcaaagggaa cagcaggcct aacagcaggg ttgggaaggc aaaaggactg gcactgaact      240
aagtgaaagg gcgtctgggc tattcagagg aagaggctgg aatggcttaa caatagcagg      300
catttataag tgcccaccct caccaatgca tcgggggtgg tccctagata tgaaaggtga      360
ggaagtctct gcatactgtg atggtaccac gggctgcttc aattgtaagg caaaggaagc      420
aggaaagaaa ggaagggatg catttagagg cttttccaca caagcgagtg tgccacgccc      480
ctctgggttt tcagcagtga ggtaaccatt cagatttaac catgccaaact ctctctct      537
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<210> 2565
 <211> 238
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (27)..(222)
 <223> n=unknown

<400> 2565
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 gtggccacat tgagtgcctt gggcctctgc aagaancgcc ccgaagcctg gaggatggaa 120
 cactnaanng cagccgatac ccgggggagcagg ggcagncctg gaggcaaacc gctacccacc 180
 tcanggcggg ngtggctngg ggcancatcat ggtngtggct gngggcaacc tccatggt 238

<210> 2566
 <211> 416
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (372)..(372)
 <223> n=unknown

<400> 2566
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 aaagtacatg catatttcaa agacctgtta atgggtgtcca ctttggattc ttacatgaaa 120
 cgattcagtg cacattgtta gcctaaggac cagcgaagag gggttccac atattaagta 180
 ttcagtagct taaaaagtt aatgcattag acatttcaga tggttaactgc tctaaacaaa 240
 actcctaagt ctgtcctatg caatatatat tttatatata tatatatattt tacatagaat 300

actcacaaag tgcaagccaa taataacatt gcagaaaagt aatacatatc tgctaggtga 360
 caatatcaaa cnattcaggg aataatttta ctttaaatta acattaacag aatttc 416

<210> 2567

<211> 517

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (102)..(284)

<223> n=unknown

<220>

<221> misc_feature

<222> (500)..(500)

<223> n=unknown

<400> 2567

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 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn agagtcaatg ttgtctagta tcactttgga aggagaataa 240
 gtctatgaaa tgcattaaac tcagcagggg aagtcctaag gagnagtttc tccagggggc 300
 acagaagacc ctttgggtct ctatgagagg cccaaggca acacagggca gagaggtcct 360
 tccggtgagg gctgttcaag tactaagtga cagtaccagg aggagtgcaa agccctggct 420
 cacaccactg atctactggc aagatgggtc tggagaaggc tcctctggcc cagccagtgg 480
 ggtaacagct actttggtgn taaaaccac cccttca 517

<210> 2568

<211> 431

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (157)..(157)

<223> n=unknown

<400> 2568

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gctgggagcg gtgaggccca gccctttccc ctctctccca ccactattcc taacctgggg      120
cctggcaggg gtggagtgat gtgatctaag ggtcccngga gaaggggtgga gtggaagagg      180
cagggctcttg ggttaaaggg aagattctga ggtctcaggg caaagggaaa ggtgtttgga      240
tgaagactga ggcagtgcct acctccctcc acatctgagg atcaagcagg tgtggcaaga      300
acagagccct ggctggggt ctgctggccg cagcctcagg agccaggggt aaggccagag      360
ataaatgaag atttgagcca ttgataaatg ccaatatatg tttcaggtat ttcattagga      420
tcctcccat c                                                                431
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<210> 2569

<211> 411

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (223)..(223)

<223> n=unknown

<220>

<221> misc_feature

<222> (398)..(398)

<223> n=unknown

<400> 2569
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accgcgctcg tgtgtgacaa tggtctctggc ctgtgcaagg caggcttcgc aggagatgat 180
gccccccggg ctgtcttccc ctccattgtg ggccgcctc gcnaccaggg tgtgatggtg 240
ggaatggggc agaaagacag ctatgtgggg gatgaggctc agagcaagcg agggatccta 300
actctcaaat accccattga acacggcatc atcaccaact gggatgacat ggagaagatc 360
tggcaccact ctttctacaa tgagctgctg gtagcacntg aagagcacc c 411

<210> 2570

<211> 575

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (268)..(268)

<223> n=unknown

<400> 2570
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gcctcatcat actcaggctt gctgatccac atctgctgga aggtggagag agaggccagg 120
atagagcccc cgatccagac tgagtacttc cgctctgggg gagcaataat cttgatcttc 180
atggtgctgg gggccagggc tgtgatctcc ttctgcatcc tgtcagcaat gccagggtac 240
atggtggtgc cccagagag gacattgntg gcatataagt cttacggat gtcaatgtca 300
cacttcatga tggaattgta ggttgtctca tgaattccag cggactccat gccataaag 360
gaaggctgga agaggggtctc agggcagcgg aagcgctcat tgccaatggt gataacctgc 420
ccatctggca gctcatagct cttctccagg gaggaagagg aagctgctgt ggccatctca 480
ttctcaaaat ccagggccac atagcacagc ttctccttga tgtctcgac aatttctctc 540
tcagctgtgg tcacaaagga atagcctctc tctgt 575

<210> 2571
<211> 332
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (17)..(75)
<223> n=unknown

<400> 2571
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accaccgtgc caganccttc ttcccaaaca tggatgaacat gatcgtgctg gacaaggacc 120
tgggcatccc caagccattc gggccacagg ttgaggagga atgctgacct gagatgcacg 180
tgcgtggcct cctggagccc ctgggcctcg aatgcacctt catcgacgac atttctgcct 240
accacaaatt tctgggggaa gtccactgtg gcaccaacgt ccgcaggaag cccttcacct 300
tcaagtgggt ggcacatggt agccttgacc tg 332

<210> 2572
<211> 319
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (143)..(143)
<223> n=unknown

<220>
<221> misc_feature
<222> (264)..(264)
<223> n=unknown

<400> 2572
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tacctgacat agaagagcaa ganaggcgga ctcaagaggt cctccaggca gtggcagaaa 180
aagtgaaaga ggaatcccag ctgcctggca ccggtgggcc agaagatgtg cttcagcctg 240
tgcagagagc agaggcagaa aganccagaa agagcaggct gaagcgtcgg gtctgaaaga 300
aaagagaccg gatgtagtg 319

<210> 2573

<211> 415

<212> DNA

<213> homo sapiens

<400> 2573
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gcagtcacat taggaggtaa aacgaagtcg ttcttttcat aacatcgata agactaaatg 180
gcatttcaat caccaaaaac catgaaacta tcttagatct ttgaatctag ttgatagtta 240
ttttcctcaa ctgaagggtc tacacgaagg cattaattat ttgctcccga ttccttatgt 300
aaciaatttg ccatctattg gcataaaaaga gaaaaattat cttagaagac aaggaagctt 360
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<210> 2574

<211> 239

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (44)..(44)

<223> n=unknown

<220>

<221> misc_feature

<222> (216)..(231)

<223> n=unknown

<400> 2574
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cctccctgtc tgcattctgta ggagacagag tcaccatcac ttgccgggca agtcagggcg 120
aaaaatgatt taggctggta tcagcagaaa ccagggaag cccctacgag cctgatctat 180
gctgcatcca ggttgcaaag aggggtccca tcaagnttca gcggcagtgg ntctgggac 239

<210> 2575

<211> 543

<212> DNA

<213> homo sapiens

<400> 2575
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cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctctgtagtct gctttgtcga gcgtcagggg gctgctgagg 240
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agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360
cacacaacag aggcagttcc agatttcaac tgctcatcag atggcgggaa gatgaagaca 420
gatggtgcag ccacagttcg tttgatttcc accctgggtc cttggccgaa cgtccacggg 480
taacttttat gctgtagaca gtaataagtt gcaaaatctt caggctgcag gctgctgatt 540
gtg 543

<210> 2576

<211> 480

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (421)..(465)

<223> n=unknown

<400> 2576

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gaggttcagt gcgaaggcaa cagcttccat aaatcctgct tctgtgcat ggtctgcaag      120
aagaatctgg acagtaccac tgtggccgtg catggtgagg agatttactg caagtcctgc      180
tacggcaaga agtatgggcc caaaggctat ggctacgggc agggcgcagg caccctcagc      240
actgacaagg gggagtcgct gggatatcaag cacgaggaag cccctggcca caggcccacc      300
accaacccca atgcatccaa atttgcccag aagattggtg gtcctgagcg ctgcccccca      360
tgcagccagg cagtctatgc tgcggagaag tgattggtct ggaagtcct ggcataaggc      420
ntgctttcga tgtgccaaat gtggcaaagg ccttgagtca accancctgg cagacaagga      480
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<210> 2577

<211> 546

<212> DNA

<213> homo sapiens

<400> 2577

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ggcctggcag ggggtggagt atgtgatcta agggtccttg gagaaggggtg gagtggaaga      180
ggcaggggtct tgggttaaag ggaagattct gaggtctcag ggcaaagggg aagggtgtttg      240
gatgaagact gaggcagtgc ctacctccct ccacatctga ggatcaagca ggtgtggcaa      300
gaacagagcc ctggcctggg ctctgctggc cgcagcctca ggagccaggg ttaaggccag      360
agataaatga agatttgagc cattgataaa tgccaatata tgtttcaggt atttcattag      420
gatcctccca tcaagcaggg aactagatgt ttgagaagat caaacaacat cctgactttg      480
ggggccttaa gacctggggg attctcctcc cagtcctagt gggaggctat ccattcccac      540
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aaagac

546

<210> 2578

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (293)..(433)

<223> n=unknown

<400> 2578

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cggggacttc tcgaggatat tgtgatagta gcatctgcc aactgggtac ctcgatctct 180

ggggccgtgg caccctggtc actgtctcct cagcatcccc gaccagcccc aaggtcttcc 240

cgctgagcct cgacagcacc cccaagatg ggaacgtggt cgtcgcatgc ctngtccagg 300

gcttcttccc ccaggagcca ctcaagtgtga cctggagcga aanggnacag aacgtgaccg 360

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<210> 2579

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<212> DNA

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<222> (4)..(4)

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<220>

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<222> (303)..(377)

<223> n=unknown

<400> 2579

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ttngggctgn agccacgtgc caggcacgtc agcgtcacca gtcgttcag ggccagctcc      360
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<222> (8)..(320)

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<400> 2580

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gccagggaca ggccaggngg gccttgaggc ccctgggtgan ccaggcccca acctcaggca      180
ncgctggccc ctgctgctgc tgggtctggc cgtggtaacc catnnactgn tgngcccaac      240
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 <223> n=unknown

<220>
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 <222> (494)..(513)
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 aaacgggtgag ctgggtcccg ctgccaaaca catgcgtcac tgagttatgc ttggattgaa 480
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<210> 2582
 <211> 424
 <212> DNA
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<220>

<221> misc_feature

<222> (45)..(45)

<223> n=unknown

<220>

<221> misc_feature

<222> (234)..(411)

<223> n=unknown

<400> 2582

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cacgtttcct gtggcagggc aagtataagt gtcatttctt caacgggacg gagcgggtgc 180

agttcctgga aagactcttc tataaccagg aggagttcgt gcgcttcgac agcnacgtgg 240

gggagtaccg ggcggtgacg gagctagggc ggctgtcgc cgagtcctgg aacagccaga 300

aggacatcct ggaggacagg ngnggcnagg tggacaccgt gtgcagacac nacttacggg 360

gttggtgcag agcttcacag tgcagnggcg agtccatcct gaggtgactg ngtatcctgc 420

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<211> 525

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (386)..(493)

<223> n=unknown

<400> 2583

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ccacagggga ggacattttc tgcagagttg ctgaaccagt agcaaccagg tccggagaaa	180
ggtctctctt gtggaagaat gagagccaag cggggaagtg tttcatcctg caaagctggg	240
gcagaagggt tttccttgaa tgtggtcac ttcacttcag ctcaggaatc ctggttgctg	300
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caggcccgag acaaagcccc cgactncact cagcatcttg ctctgtgcag attcagaccg	420
tgctctccat tccactgtga gagggtcac acacttggan agctccactt ggcaggtgta	480
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<210> 2584

<211> 417

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (53)..(63)

<223> n=unknown

<220>

<221> misc_feature

<222> (275)..(401)

<223> n=unknown

<400> 2584

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ggactcgtgt ggggtgtctt atgtatgaat gcgtgtatca ctgcatgcct tacctgcaca	180
ctgattttgt gaatggcctt gtgcatttcc tgtgtccact aacagccaag tccgacagct	240
ggaagaacaa ttaagaataa tggatcagac cttggnagca ttaatggctg cagaggataa	300
ggtactgatg gctcgtgtng ttttaggttt aactgcaacc ccagacatct ttcagcttcc	360

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<210> 2585

<211> 587

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (172)..(172)

<223> n=unknown

<220>

<221> misc_feature

<222> (579)..(579)

<223> n=unknown

<400> 2585
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tgtcatgagc tgcacgtgtg ccaatcagaa aggaatggaa gtctcagaag ancagcgtgg 180
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caacattaac cttcctgttg actctatcat tggcactttg aatggaactt ctctgtctt 420
agtgaggatt cctacgctga ctaagcacac tgtgttgcta aactctctac aaagtgtggc 480
agcatcaacc cgggaaatgg cacatttgaa ccaggatcgc cctgacatgg gttgcctttt 540
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<210> 2586

<211> 440

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (279)..(378)

<223> n=unknown

<400> 2586

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tctcctcagc atccccgacc agccccaagg tcttcccgnt gagcctctgc agcaccacagc 300
cagatgggaa cgtggtcacg gcttgccctg tccagggttc ttccccagc agccactcag 360
tgtgacctgg agcgaaangg acagggcgtg accgccagaa attcccaccc agccaggatg 420
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<210> 2587

<211> 525

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (417)..(428)

<223> n=unknown

<400> 2587

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tggcccacca tgcaggagaa ggtgtcccc ttcttcagc cctcggctgc caccgcagc 180

atgctggtca cagcgaaggt ggtggtgccc tggctgggct cctgccggga tgcccaagtc	240
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atctctcagg ccggtcagtg tgcacgtgag gttcgcttct gaacctaaga gcagggctct	360
cgagggccgg tcggtgcagt gacagtcggg ggtggcagca tgagggagat ggggtangtg	420
gagttnangg agatggggta ggtggagttt aagggaactt gggcagggca cagttcacat	480
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<210> 2588

<211> 376

<212> DNA

<213> homo sapiens

<220>

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<222> (53)..(88)

<223> n=unknown

<400> 2588

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agagttcttg ctcttttgtc cactgagatg gtcttggttt ttcacttaac aaatttttta	180
atggaatctt tgtttttgtt ctccatcttg tttgttagag tctctcgcc tttatttaca	240
aattccttgc aactaatagc gtccttccc caagatatgg tagtaagagt aatttttcat	300
tgtagtgtag tctccatcag taacagcaag gccctggaag acttgatcac tttttctgtg	360
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<210> 2589

<211> 209

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (174)..(174)

<223> n=unknown

<400> 2589

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actttacagc ttctgtggcc tcctattatt tgactcagcc actctcagtg tcagtggccc 120

tgggacagac ggccaggatt acctgtgcgg gaaacaacat tggaagcaaa actntgcact 180

ggtaccagca agaagccagg cctgggccc 209

<210> 2590

<211> 571

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (373)..(373)

<223> n=unknown

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<222> (536)..(546)

<223> n=unknown

<400> 2590

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tgtcttctcc acggtgctcc cttcatgcgt gacctggcag ctgtagcttc tgtgggactt 180

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gagctcctca gangagggcg ggaacagagt gacagtgggg ttggccttgg gctgacctag 420
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atagtcagcc tcatccccga cttggggctc tgctgatggg cagggtggcc gtgttncccg 540
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<210> 2591

<211> 217

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26)..(201)

<223> n=unknown

<400> 2591

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agccaccctc tctgcaggg ccagtcagag tgtagcagc tacttagcct ggtaccagca 180
gaaacctggc caggctccca ngctctcat ctatggt 217

<210> 2592

<211> 433

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(427)

<223> n=unknown

<400> 2592

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gtangtcccc tgtggaaaaa gggtcagagg ccaaaggatn ggangggggtc aggctggaac	120
tgaggancag gtgggngcac ttctccctct aacactctcc cctgttgaag ctctttgtga	180
cgggcgagct cangccctga tgggtgactt cncaggcgta gactttgtgt ttctcgtagt	240
ctgctttgct cancgtcang gtgctgctga ggctntacgt nctgtncctg ctgtcctgct	300
ctgtgannnt ctctgggag tnacccgatt ngaggcggt atccacnttc cactgtactt	360
tggcctctcn nggatanang ntattcagca ggcananaac atnggcagtt ccagatttca	420
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<210> 2593

<211> 497

<212> DNA

<213> homo sapiens

<220>

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<222> (23) .. (119)

<223> n=unknown

<220>

<221> misc_feature

<222> (450) .. (450)

<223> n=unknown

<400> 2593

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cctgggcccgc cttggcagga ggggtcaccg tgcaggatgg aaatttctcc ttttctctgg	180
agtcagtga gaagctcaaa gacctccagg agccccagga gcccagggtt gggaaactca	240
ggaactttgc acccatccct ggtgaacctg tggttcccat cctctgtagc aaccggaact	300
ttccagaaga actcaagcct ctctgcaagg agcccaatgc ccaggtagat acttcagagg	360
ctggaggaaa tcgctgagga cccgggcaat gtgaaatctg tgccctacgt gcctgtaccg	420

gatgctaggg gggcttgccc actgctgctn ccctccgcag caggggaagtc ttttctcctg 480
cagaaagggc acccatg 497

<210> 2594

<211> 518

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (483)..(483)

<223> n=unknown

<400> 2594

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ctgcaggaga aaagagcttc cctgctgcgg aggggaggca ggcagtgggc aagccccct 180
agcatccggt acaggcagcg taggcacaga tttcacatgt gcccggtcc tcagcgattt 240
cctccagcct ctgaagtatc tcctgggcat tgggctcctt gcagagagggc ttgagttctt 300
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agttcctgag tttcccaacc ctgggctcct ggggctcctg gaggtctttg agcttcttca 420
ctgactccag agaaaaggag aaatttccat cctgcaacgg tgaccctcc tgccaaggcg 480
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<210> 2595

<211> 437

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (361)..(364)

<223> n=unknown

<400> 2595

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gggaattaaa gcaaatttgt tgtgtcaaca tcttgactca gatgttcaag tacctttgtg      180
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agattgttaa cctcaggcac atcttctgtt aatatctaag agtactactt gaagggttatt      300
ttctgtattht aataaattcc ttaaaaagga taattttcta ataaggagag agaaaatgat      360
nganacgttht gaacttgaaa gaaggctttg cataaaaatta cagatcatcc agatcaatgc      420
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<211> 389

<212> DNA

<213> homo sapiens

<220>

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<222> (6)..(6)

<223> n=unknown

<220>

<221> misc_feature

<222> (173)..(173)

<223> n=unknown

<400> 2596

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tcacaggcgc cttccttggg ggcaaagcta tcctgaaact gtcgggtgcg canctgagga      180
cgaggctgat tattattgct cgcttttctc tcgtggtaga ggtcctcaag tgttcggcgc      240
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agggactaag ttgatcgtec taggtcagcc caaggctgcc ccctcggtea ctctgttccc 300
gccctcctct gaggagcttc aagccaacaa ggccacactg gtgtgtctca taagtgactt 360
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<210> 2597

<211> 522

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (89) .. (95)

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<222> (506) .. (506)

<223> n=unknown

<400> 2597

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gacgatcaac ttagtccctg cgccgaacac ttgaggacgt ctaccacgag agaaaagcga 480
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<211> 495

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (162)..(162)

<223> n=unknown

<400> 2598

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cgtgagattc ccaggagttt ccacttggtg atcagcactg aacacagacc accaaccatg 240
gagtttgggc ttagctgggt tttccttggt gctattttta aaggtgtcca atgtgaggtg 300
cagctggtgg agtcggggg aggcttggtg cagccagggc gatccctgag actctcctgt 360
acaacctctg gattcaggtt tgggtgattat gctatgagtt gggtcgccag ctccagggaa 420
ggggctggag ttagggtaag gtttcattag aaaacaaagc tgatgggtggg acaaattgaa 480
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<210> 2599

<211> 579

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (297)..(308)

<223> n=unknown

<400> 2599

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ttccatgggc tcggcacagc ccggcaggac actggacagc ctgtagcagc cacagaggtc	540
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<210> 2600

<211> 478

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4) .. (81)

<223> n=unknown

<220>

<221> misc_feature

<222> (402) .. (433)

<223> n=unknown

<400> 2600

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gaagtcaggc cagtctcctg tgttggtcat ctatcaagat aacaagcggc cctcagggat	240
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ccaggctatg gatgagtcgg actattactg tcaggcgtgg gacagcagaa ctgtggtctt	360
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tgntcccggc ctntcttgag gagcttcaag ccaacaaagg cacactgggtg tgtctcat 478

<210> 2601

<211> 504

<212> DNA

<213> homo sapiens

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<222> (2)..(76)

<223> n=unknown

<400> 2601

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gctctagtct cccgtngggg ggggtgagggt ttagaaccta tgaacattct gtaggggcca 120

ctgtcttctc cacggtgctc ccttcatgcg tgacctggca gctgtagctt ctgtgggact 180

tccactgctc aggcgtcagg ctccagatagc tgctggccgc gtacttggtg ttgctttggt 240

tggaggggtgt ggtggtctcc actcccgcct tgacggggct gctatctgcc ttccaggcca 300

ctgtcacggc tcccgggtag aagtcactta tgagacacac cagtgtggcc ttgttggctt 360

gaagctcctc agaggagggc gggaacagag tgaccgaggg ggcagccttg ggctgaccta 420

ggacggtcag cttgggtccct ccgccaaaga ccacagttct gctgtcccac gcctgacagt 480

aatagtccga ctcatccata gcct 504

<210> 2602

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (124)..(534)

<223> n=unknown

<400> 2602

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cggngggggg cccatctctg ctgacctggg tgtggcggag ggagaggcga ngctgcaaag	180
tgttttctgt gaggccctgg gcaaggggan ggggcngnng gggcggggcg gcangggctt	240
cagaagtatc tgcacaatta gaaaagtcct cagaagcttt ttcttgaggg gtacactttc	300
ttcactgtcc ctattcctag acctggggct tgagcngagg angggacgat gtgcccaggg	360
agggaccac cagagcacia nanaaggtgg ctacctgggg gtgtcccagg gactctgtca	420
gtgccttcag cccaccagca ggagcttgga gtanggggag tggggatgag tccgtcaagc	480
acaactgttc tctgagtga accaaanaag caaggagcta ggaaccccca gtcttgcccc	540
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<210> 2603

<211> 589

<212> DNA

<213> homo sapiens

<400> 2603

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actgaaggcg ttacagccct cctctccaag gctcagggtc gagaacgggt agcatatcga	120
atgatcagta aaaacatgca aaagtggaga ggaaaggga aaaggtgcat tcccctaagc	180
tgagggggat ggaatttcag aacagaggag gcagggtgga caagtaccag gtggctctcc	240
ctttccctct gtgttatctt tcaaaacagt tccaagcttg gagaaagcaa tgagctccac	300
ctactcagca gaaccacagg ctctgcccc gtggacgtga ctggaaaggg cccaaagggtg	360
accttgctg cccggttct cagccgcccc tccactgcc ttgactgagg ggacctgct	420
tgtgctctg gggggcagga ctgggggtcc tagctccttg cttctttggt tccactcaga	480
gaacagttgt gcttgacgga ctcatcccc ctccccaaac tccaagctcc tgctgggtggg	540
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<210> 2604

<211> 482

<212> DNA

<213> homo sapiens

<400> 2604

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aacctcagga ctttgggcgt ttacaggcag atcctgcgtc ttaggagggg tctctcctgc      120
ctgtctcttt cccttgcacg ctctggctac ctggctttac gctgggaata gaggggctcg      180
atggtctacc ccacgtgctg ccccaaccac gagacagggtg tggctttgcg atgacctggt      240
attcattcaa atggattggt tggaaaatct tctcacctg aactatcctc ctctccttgt      300
caactccctc ctctcaccac aatgaggagt tacgctgttt ttgggttttt ttagccagtc      360
aaatatagca gtgggaggtt gtataccaat tttagtaca caaatgttaa taagttctga      420
taaccacta ccacgggacc agccggaggt acactgttgt ttgacagca ggggtgtctct      480
ga                                         482
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<210> 2605

<211> 493

<212> DNA

<213> homo sapiens

<400> 2605

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ccgtgccgga cccagcccac tccacccatc cccaagttca gagacaccct gctgtcaaac      60
aacagtgtaa ctccggctgg tccgatggta gtgggttata agaacttatt aacatttgtg      120
tcactaaaat tggatataca cctcccactg ctatatttga ctggctaaaa aaacccaaaa      180
acagcgtaac tctcatttgt ggtgagagga gggagttgac aaggagagga ggatagttca      240
ggtgaggaaa attttccaac caatccattt gaatgaatac cagggtcatcg caaagccaca      300
cctgtctcgt ggggtggggc gcacgtgggg tagaccatcg agccctctc tcccagcgt      360
aaagccaggt agccagagcg tgcaagggaa agagacaggc aggagagacc cctcctaaga      420
cgcaggatct gcctgtaaaa cgcccaaaag tcttgaggtt taagaggaat cgtgcccttt      480
cccaggcccg cga                                         493
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<210> 2606

<211> 516

<212> DNA

<213> homo sapiens

<400> 2606

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agccctcagt ggaacctgtc aagagcatca gcagcatgga gctgaagacc gagccctttg      60
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gcctgggtct gtgtctcttt tctctttctc cttagtcttc tcatagcatt aactaatcta     180
ttgggttcat tattggaatt aacctgggtgc tggatatattt caaattgtat ctagtgcagc     240
tgattttaac aataactact gtgttcctgg caatagtgtg ttctgattag aaatgaccaa     300
tattatacta agaaaagata cgactttatt ttctggtaga tagaaataaa tagctatatc     360
catgtactgt agtttttctt caacatcaat gttcattgta atgttactga tcatgcattg     420
ttgaggtggt ctgaatgttc tgacattaac agttttccat gaaaacgttt tattgtgttt     480
ttaatttatt tattaagatg gattctcaga tatttta                                516
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<210> 2607

<211> 559

<212> DNA

<213> homo sapiens

<400> 2607

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aagcaaacia tgcttaaatt ttctattcaa attcactttc cacatgtcaa aagacctcaa      60
ggtagaaaaa aataaaataa aaatataaat atctgagaat ccatcttaat aaataaatta     120
aaaacacaat aaaacgtttt catggaaaac tgttaatgtc agaacattca gaccacctca     180
acaatgcatg atcagtaaca ttacaatgaa cattgatgtt gaagaaaaac tacagtacat     240
ggatatagct atttatttct atctaccaga aaataaagtc gtatcttttc ttagtataat     300
attggtcatt tctaatacaga acacactatt gccaggaaca cagtagttat tgttaaaatc     360
agctgcacta gatacaattt gaaaatatcc agcaccaggt taattccaat aatgaaccca     420
atagattagt taatgctatg agaagactaa ggagaaagag aaaagagcac agaccaggc      480
ctggctcaac atgctactaa ctaccagctc tctgaagtgt cactgggacc aggagtcac      540
aaaggggctc ggtcttcag                                         559
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<210> 2608

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (97)..(121)

<223> n=unknown

<220>

<221> misc_feature

<222> (414)..(414)

<223> n=unknown

<400> 2608

gatccaaata acttatccac tttttttaaa aagaagtctt atctataaaa accttaaagg 60

aattttccat ttacttcact ggtctagtaa aattatnnnn nnnnnnnnnn nnnnnnnnnn 120

ntatataaac attcacacac atacatatgt acaggtattg ttatttgtaa ttgaccctt 180

gtatttttta gtttaaaatg ttagtactgc aaaatgttat gtcctcaaaa acacattgta 240

ccatgattat gccgctttca atattgtaaa gtgaggtttt tgccgcatta ttattttttg 300

gatttcaata gcatagcttc aagttattcg taagaatttt ttataaataa tacattttta 360

tactttttta taattacat atctcatagt gaagtatata atatatatga tatnagctca 420

atatagtata ttaattccgt taaacacaaa gacatatcag tttgtagctt tgggtgggata 480

aacaaattaa tttagcattc atgggctat 509

<210> 2609

<211> 461

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (459)..(459)

<223> n=unknown

<400> 2609

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aaagcgtttg cggtaactcat taaaagactg gtatttcata tgcttgctct ggtcaatgga    120
agcctgtgat actttctgta ctgcgggtgg aacattccta ccaccagcaa cctgtggaaa    180
gtaaaattag ttgtaaaaca agaatttttag gcatatttac tgtttgattt cagcttgccct    240
taggtacaaa tcaggtaaaa ctgaaactcc cagcggagac aatttttatt tgctggaaag    300
atgcttacct acatttcaac aggagctctg cttaaaattc aatgggacac cagcctagaa    360
ctaatttgcc tttttacatt tccaaaataa cactagtatt ccagcctaaa atatttatcc    420
ctataagatt atagatactt tttggaaaat atttttaang g                          461
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<210> 2610

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (409)..(428)

<223> n=unknown

<400> 2610

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atagttacag gggtaacaca gtattttggg cttatttttg ggcataaagg catactgaca    120
ttctcttttc accaactgcg tgtttccact tctcatagac ctatgattta attattcttt    180
ttacctgttc aaggtgagag atggatgcaa caagagtagt acctaataat aataaaaggg    240
catcctgtgg tagaggatcc ctctgccagc ctccaagcta gaaccaaggc aacaagccac    300
cctccaagga aaggtgtggt cagagattct agcaataaaa gagtgtgtct ttcattcttt    360
tctaatatgc catcatcacg ttctgagttc aggtgcttat tctatttant acagcacatc    420
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tgggggggnc tttgtga

438

<210> 2611

<211> 63

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (48)..(60)

<223> n=unknown

<400> 2611

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cct 63

<210> 2612

<211> 426

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (232)..(310)

<223> n=unknown

<400> 2612

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ggctacaaat ctgggatttt tttattactt cttttttttt cgaactacac ttgggctcct 120

ttttttgtgc tcgacttttc cacccttttt cctccctcc tgtgctgctg ctttttgatc 180

tcttegacta aaattttttt atccggagtg tatttaatcg gttctgttct gncctctcca 240

ccacccccac cccctcct cgggtgtgtg tgccgctgcc gctnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn cgccccgtcg ttacaccaac ccgaggtctt ttgtttcccc tcttgatct 360

gttgagtttc tttgttgaag aagccagcat gggtgcccag ttctccaaga ccgcagcgaa 420
 gggaga 426

<210> 2613

<211> 447

<212> DNA

<213> homo sapiens

<400> 2613

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 agtcctgtat aagtaaatec ttacacatat aactttgctc ccaagtaaca tggaacacga 180
 ggaattctgt gtgaatcagt gaggaccata tctcataagg ctaaatactc ttactaaccg 240
 atagcgcata gtaccgtgag ggaaagggtga aaagaacccc tggaggggag tgaaatagaa 300
 ccgaaattgt gtgcttacia gcggtcagag cccattaggg tgatggcgtg ccttttgag 360
 aatgatcctg cgagttacgt taaacggcga ggttaagtat aacggagcca aagggaaacc 420
 aagtcttaat aggggtgatat agtcgtt 447

<210> 2614

<211> 497

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (269)..(366)

<223> n=unknown

<400> 2614

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 ctttgctgcc ttatcagctt tcgtgcttct ttttgagatt ttatttgaac tgtttgatgt 180

cctgctttgg	ttggaagggt	tgcacctgaa	gtagctgggt	aaataagggg	agctgttagt	240
gatgaggggt	cctttggcag	taaggaanc	ctcttttggc	agatggcagc	gtgggaatga	300
aaggatgtga	taggcattct	tggagtttgt	ataaatgttg	acttgtttgc	ctttggaaan	360
ggttanggct	tctggtgaga	ctgtaagttc	tgcttttttg	ggggagggttc	ctgaaggtaa	420
ggggcctggc	tttaattact	tggtaagag	aaacaactgc	atatccagca	attctggaag	480
gaaccagcgg	gcctgga					497

<210> 2615

<211> 499

<212> DNA

<213> homo sapiens

<400> 2615

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ggtacccatg	atgagccgcg	aggatcagta	tcactacctc	ctggaccgga	acctctctctg	120
caggggtggtg	gggggtccct	accaaggcaa	tgccacggct	ttgttcattc	tccccagtga	180
gggaaagatg	cagcaggtgg	agaatggact	gagtgagaaa	acgctgagga	agtggcttaa	240
gatgttcaaa	aagaggcagc	tcgagcttta	ccttcccaaa	ttctccattg	agggtctcta	300
tcagctggag	aaagtctctc	ccagtctggg	gatcagtaac	gtcttcacct	cccatgctga	360
tctgtccggc	atcagcaacc	actcaaatat	ccaggtgtct	gagatgggtgc	acaaagctgt	420
ggtggagggtg	gacgagtcgg	gaaccagagc	agcggcagcc	acggggacaa	tattcacttt	480
caggtgcttg	gggaaatgt					499

<210> 2616

<211> 479

<212> DNA

<213> homo sapiens

<400> 2616

ccagcacagc	aaaccgccc	ggatcaaagt	gtaccagtcg	gcagcatggc	tacgaaatgt	60
gggaattgtg	gaccgggcta	ctccaccct	ctggaggcca	tgaaaggacc	caggggaagag	120
atcgtctacc	tgccctgcat	ttaccgaaac	acaggcactg	aggccccaga	ttatctggcc	180
actgtggatg	ttgaccccaa	gtctccccag	tattgccagg	tcatccaccg	gctgccccatg	240

cccaacctga aggacgagct gcatcactca ggatggaaca cctgcagcag ctgcttcggt 300
 gatagcacca agtcgcgcac caagctggtg ctgcccagtc tcattctctc tcgcatctat 360
 gtggtggacg tgggctctga gccccggggc ccaaagtga caaggtcatt gagcccaagg 420
 acatccatgc caagtgcgaa ctggctttct ccacaccagc actgcctggc cagcgggga 479

<210> 2617

<211> 62

<212> DNA

<213> homo sapiens

<400> 2617
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gc 62

<210> 2618

<211> 323

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (92)..(92)

<223> n=unknown

<220>

<221> misc_feature

<222> (276)..(276)

<223> n=unknown

<400> 2618
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caatcctcaa ctctgtctg ccagctgatg angggaagga aagggattac ctaggggtat 120

gggcgaccaa tcctgagtcc accaactgac cacgcccata cccagccttg tgcctcacct 180
 acccccaacc tcccagaggg aggagctatt taaggggagc aggagtgcag aacaaacaag 240
 acggcctggg gatacaactc tggagtccctc tgaganagcc accaaggagg agcaggggag 300
 cgacggccgg ggcagaagtt gag 323

<210> 2619

<211> 499

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (164)..(164)

<223> n=unknown

<220>

<221> misc_feature

<222> (482)..(482)

<223> n=unknown

<400> 2619

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 gtgagggatg ctttctgcat ggccaaggaa cttgggttagg gtangggagg agggatagag 180
 agaggggaaat tcagcactgg gtggaaggtt tccaggggaag aggggactca gcaacgaggg 240
 gtgctccctc tgcagtgttt attggaatag tactggtact ttttattgta ggtcgtcttg 300
 tttctagcaa aacaggtggc agcagcctta tcacactcac acagttgact tctgcaggag 360
 tcctgttttg cacaggtgat tctgctcccc gagttgctaa acttgtagct cagaaatttg 420
 gtgccacatc cacgtttctc cagacgtttg tagcaacagt catgagtgac acagcagcga 480
 tncgttgcat ccttggggg 499

<210> 2620

<211> 329

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (202)..(202)

<223> n=unknown

<400> 2620

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agtccccatt gagtccttgg tgggaaaagt ccacaatttc ccattgatag ctttttactg      180
ttgtgaaaaa gggaagcgtc anccacacaa aagcctgcat gaccgctgct tcggagaagc      240
tctcgaccct aactgcagtc actgttactt ggatcagatc aagcgcagtg actttttggg      300
attcagtggg tattctccca cacttcgta      329
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<210> 2621

<211> 516

<212> DNA

<213> homo sapiens

<400> 2621

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ctttcacaat agaagatcaa tggtagacag tatattgaac tctgtaacaa aattatTTTT      60
gagaaaatac agaagtgaga aatagtgatt tcctcaattt gtttatagtc tatcaciaag      120
taggcaaaag ttcagtatta aatagatatc ctaataaaaag tttttacaag ttttctaag      180
gaaatacatt cataagactg tttaccttct gtttgacagc agtgacagga acgtggggat      240
ccccactcat gacgagtccc tagcactcag cccttggcac ccacagcccc ggcgcgctcc      300
gtcacctggg agggagcagc ctgggctgcc gtgagtgagg tgttctcact ctggttccgt      360
gtttgtgttt agcctgtgca attctcgtca acacagaaca cctgcctgcc ccccccggt      420
gctgaagacc gaccagtcaa ggaggtgttg gtgggagtgt tgtgttcacc atgtggagat      480
caggcggcga ttaccgcac ttctttgctg actttg      516
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<210> 2622
<211> 418
<212> DNA
<213> homo sapiens

<220>
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<222> (35)..(35)
<223> n=unknown

<400> 2622
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tttgctgcc tgctcaggct gggcactcag caggtcggcc cccttcagct gcacaccggg 180
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cccagtgaga gacatttcta ccagccaatc tggacactgg tgggtgctgg tgccaaacaa 360
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<210> 2623
<211> 436
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (196)..(422)
<223> n=unknown

<400> 2623
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aggttccaag tccttcgtgc tgctcttggt cattcagtga ctgcagtttt ggcccagaag	180
ccatccaaga tgagcnagtg ctgagncatc cttaactcat acctagatnn aacaacttnc	240
gcngaaacgc tngtntctcc cagtnanccc ttagcatcat attccaatac aggaaaggna	300
tnaggncagc tttcatgnga tacatggaaa ggcgctcttt gctttnatch aaggggaagg	360
tttctagcgg tctgctttgt agtcaaactc ngcnagaatc acacggttgt agccggtcac	420
cngtggacat gatgtg	436

<210> 2624

<211> 298

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (155)..(262)

<223> n=unknown

<400> 2624

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gttcgccgcc ccgctcgccg ccgcgatgcc agtgtttcat acgcgcacga tcgagagcat	120
cctggagccg gtggcacagc agatctccca cctgntgata atgcacgagg agggcgaggt	180
ggacggcaaa gccattcctg acctcaccgc gcccgtngcc gccgtgnagg cgncgtcagc	240
aacctcgtcc gggttggaaa anagatgttc aaaccactga ggatcagatt ttgaagag	298

<210> 2625

<211> 499

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (222)..(222)

<223> n=unknown

<220>

<221> misc_feature

<222> (370)..(475)

<223> n=unknown

<400> 2625

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gatttttctt atttcctcta agtaatcttt cttagtaaaa acaacaagtg atctttggca    120
tagattcata ctttaaaggc attaataattg catttatatc aggcaagcaa ctatacaaat    180
atgctgaggg ccttgaaaat aatcatcctc attataaagg anatagtga agcctgagtg    240
taaaggacca acttaagttg tacacattcg atgttgggaa ctaacacaca gcgatgggtg    300
ggaaggaagg gtgttcaggc aaggttctta ctctttact catctggttc tggctttggg    360
gaaaaataan gtttctgtg ctnggnaaat acttagcagt ngtaagtacc aaanaggga    420
cactgncctc tcantttgcc tagtagggac ttactgnggt gataaggagt atggnaaccc    480
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<210> 2626

<211> 331

<212> DNA

<213> homo sapiens

<400> 2626

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ggagtcggtc ccggtccggc cccccagaac tccaactggc agacaggcat gtgtgactgt    180
ttcagcgact gcggagtctg tctctgtggc acattttgtt tcccgtgcct tgggtgtcaa    240
gttgagctg atatgaatga atgctgtctg tgtggaacaa gcgtcgcaat gaggactctc    300
tacaggaccc gatatggcat ccctggatct a                                331
```

<210> 2627

<211> 500

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (263)..(263)

<223> n=unknown

<400> 2627

ttcgataata tgaaagcaag gagaaactaa gttgcacat ttagctaagt tcagggacaa	60
cattcattta taataaatca aaaatttgat ttttttcatg ccatcagttg tacttaagca	120
tatccatcat atttcagttg caaaagatgg tgaagaactc aagctgaaga ggtgtctgct	180
gaattttgtt gtttcggtaa gagcttttca ccatcagttt ttagaaagta cgcattggctc	240
tccttctgtt gatattctctc ttnatttggc aaagagtaca atgaggacag caaagagttg	300
ccatatagtc atcacaaata gatccagga tgccatatcg ggtcctgtag agagtctca	360
ttgcgacgct tggtccacac agacagcatt cattcatatc agctgcaact tgacacccaa	420
ggcacgggaa acaaaatgtg ccacagagac agactccgca gtcgctgaaa cagtcacaca	480
tgctgtctg ccagttggag	500

<210> 2628

<211> 270

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (27)..(27)

<223> n=unknown

<220>

<221> misc_feature

<222> (210)..(451)

<223> n=unknown

<400> 2628

```
gtatttttaa ttttttttat ttttgtnntt ttatttttaa tttttcattt gttaaatttt 60
taaactgtgc tgcaataaaa tgtgtgtggt actacttaac acttatgac gtgatggcat 120
tttcctgaa agccatcttc ctctgtttc ccttgaaatc ccacctgct tttcctgtac 180
actaccctc acaaaaccac aagctgcagn aacatggatg cccagcctgg agcagcagca 240
nccagnatga nctggagcca ggggggcttc 270
```

<210> 2629

<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (346)..(463)

<223> n=unknown

<400> 2629

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gtatcaaaat taaaagcaaa aattacaggg taagacttaa caaaactact aggagcgtca 60
aaggaagtga aaatgggact aggcgcgggg caatatgaat taatgaacat ggggaaggaca 120
aggatgggga gaacagtga catgtgctga agatactagg ggagaggatc tggtgaaaaa 180
tttgatctta gacaagcgcc taggtaaaga aataatggga taagatttct aaacccact 240
atgtgcttaa gagtcactct cgccattggc gctgtctctg tcacctctc ctccctcagc 300
ctctttttca tcaccttga tcaactccag ctggatcatc ccccgnnnnn nnnnnnnnnn 360
nnnnnncagt aggtccccct cctcagcaga gtcactgca ccccccctag actccatctt 420
cacattagtc tcacttttct ttnacgggag ctngctgctc tgnctctct tctgacttat 480
cattcttc 488
```


<210> 2630

<211> 245

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (197)..(197)

<223> n=unknown

<400> 2630

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atttaatagt catttgtgat atcttagggg aataaaaattt taaaatatgt atatgttttt 60
gattgaacag acacaacatg acaatctaata gattaagaag atatgggtcc tacgttttgg 120
gtctttccag tattgtcaac agtgtaggag ttttcgatgg gaaatagcca tagtcatcaa 180
aaatccattt atttagnttt aaaatatact aaaatatattc attgtaatgt ggagtacatc 240
tgcct 245
```

<210> 2631

<211> 468

<212> DNA

<213> homo sapiens

<400> 2631

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ttgatataaa aatataatta aaaaattttt tttggtggaa gacagatgat gctcaaattt 60
cttttccatt aagcagttgt ttctggtgat gaagaatgat ttggtaaagc agttaacaaa 120
acattttcca aagacaccag aggggtctgta tagtactgca aagcaggact gaatcccttc 180
tgctgcaaata actggattcg accttggtca atcagcaatt taaaaagatg ccctattttc 240
ttcttttctt caacactaag aagcccaggc aaacaatcag cgccatcatc tgtgattctg 300
tatcctccat catcatgctc ttcactatca tcattctgat tatcttgctt ctttgtggta 360
ctatttgagg tttccaaaga tgttttccgc atcccacaag ttgcccaact actcattcgc 420
tggaataaat ggaattccac tgctccaagg cctagagcct gaaatatt 468
```

<210> 2632

<211> 507

<212> DNA

<213> homo sapiens

<400> 2632

```
ggagccccag ccttgggatt cccaagtgtt tgtattcagt gatcaggact gaacacacag      60
gactcaccat ggagttgggg ctgagctggg ttttccttgt tgctatatta gaaggtgtcc      120
agtgtgaggt gcagctgggt gagtctgggg gaggcttggt acagcctggg gggtcctga      180
gactctcttg tgcagcctct ggattcacct tcagtaacta cgacatgcac tgggtccgcc      240
aagttacagg caaaggctct gaatgggtct cagctattgg tactgggtgg gacacatact      300
atctaggctc cgtgaagggc cgattcacca tcttcagaga gaacgccaag aactcgttgt      360
atcttcaa at gaacagcctg agcgccgagg acacggctgt atattattgt gcaagagaag      420
atcatactac cagtggctgg atcgggcccc ttgactactg gggccaggga gccctgggtca      480
ccgtctcttc agcatccccg accagcc                                          507
```

<210> 2633

<211> 451

<212> DNA

<213> homo sapiens

<400> 2633

```
gcgcccaagc cgccgcccgc agatcgggtgc cgattcctgc cctgccccga ccgccagcgc      60
gaccatgtcc catcactggg ggtacggcaa acacaacgga cctgagcact ggcataagga      120
cttccccatt gccaaaggag agcgccagtc ccctgttgac atcgacactc atacagccaa      180
gtatgaccct tcctgaagc ccctgtctgt ttcctatgat caagcaactt ccctgaggat      240
cctcaacaat ggtcatgctt tcaacgtgga gtttgatgac tctcaggaca aagcagtgct      300
caagggagga cccctggatg gcacttacag attgattcag ttctactttc actgggggttc      360
acttgatgga caaggttcag agcatactgt ggataaaaag aaatatgctg cagaacttca      420
cttggttcac tggaacacca aatatgggga t                                          451
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<210> 2634

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (548)..(548)

<223> n=unknown

<400> 2634

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aatattttatt aagttatgat atattgtctg aatggaaata tactctgtat cacaactcta      60
attataacaa tttttacaga taatacttca tttatatctc tgtaattcaa aagtcattaa      120
attacaacag aattcatatt taagataact ttgctataaa tatataataa tttttaaagt      180
ttttctttta tataacatct tgaaatcatg aacatttatt ttttctgggt tacattacat      240
agaatcatga ctattttacc tgatttgcct taactagctc aatttatctt gtgctatgga      300
tttgcaactca accattctac tttcctatgt tttaaaagca gcattttagt caacaattgt      360
gagtgtcat caccctacat gctgtgaaca aagtcaaggt actttattct tatttcttat      420
cctatattct gtgttacaga aaaactacta ccataaacia agcaccaacc agccacagca      480
gttgtgtcaa gcatgacaat tggcttagtc ttcacatttt attagtaagt ctatcaagta      540
agagatgnag ggtct                                         555
```

<210> 2635

<211> 464

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (373)..(373)

<223> n=unknown

<400> 2635

gggaaccacc ttctgtagga cagtcaccag gccagatcca gaagcctctc taggctccag 60
 ctttctctgt ggaagatgac agcaattata gcaggaccct gccaggctgt cgaaaagatt 120
 ccgcaataaa actttgccag tgggaagtac ctagtgaaac ggcctaagat gccacttctt 180
 ctcagtgtccc aggcttgagg ccctgtgggc cccatccttg ggagaagtca gctccagcac 240
 catgaagggc atcctcgttg ctggtatcac tgcagtgtt gttgcagctg tagaatctct 300
 gagctgcgtg cagtgttaatt catgggaaaa atcctgtgtc aacagcattg cctctgaatg 360
 tcctcacat gcnaacacca gctgtatcag tcctcagcca gttctctctt agagacacca 420
 gtcagattat accagaatat gttctgctca gcggagaact gcag 464

<210> 2636

<211> 421

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (194)..(232)

<223> n=unknown

<220>

<221> misc_feature

<222> (415)..(415)

<223> n=unknown

<400> 2636

gcatttcaca aactcaacag agtgccatga taagagctag ggatcccca aactatctca 60
 agcatctaaa aaattgccat ttttaaaggc tttaaattgta gtagtaaagg ggaaaacagg 120
 aagtagtagt aaaggggaaa aaaaaccaat aaagtatcta aaaaattggc atgttaaaag 180
 gcttaaattg ctannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncacacaca 240
 tatcattgac ttttcttaag acttcagagt actgggtaga tgaacacttt atacagtata 300
 tatcttcagc tttaaattgt tttagagtatt tttttttatt tttaaataag taggcaaaga 360
 tttaaaattt ttttattttt agtaaattgt tgaggcacac taagacaact tgcgnatatt 420

t

421

<210> 2637

<211> 530

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (473)..(508)

<223> n=unknown

<400> 2637

gtacattaca tattagtgtc caaatatatg ttcatttcca gaatgaattt ttgcacagta	60
atcatatata catttaatat gtataaagtg ttcttgggga tgggggtata ttcactcact	120
gtaccatggt ttatacaggc ttcaacatgc aaatttggtt atatcatggc cttcaatgat	180
cctccattct cattcctgta gattaagagt tcatattgta tatctgaccc tgaaatgtac	240
aaacttcaca ctacaacatt cttcatgaca ctatttggtt tgaggaaagt tgcagctaaa	300
tattagtcac gtgacttaaa ttttgagaaa atggaaaatg taataggtat aaatttcttg	360
acacatacag caagacaaat ccagcccagc ctttgatgat caacttaaaa gctggagatg	420
tcattatctt gttgtgtaaa tttgggtcta tcctacctt tacttctctg tgnctgattt	480
tcctcatcca ctttgaattc ggcattcnaa ttaatccact tttgcctaaa	530

<210> 2638

<211> 295

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (216)..(264)

<223> n=unknown

<400> 2638
gctgggcctc tcagtagctc tgtcccttga aattgcaa atgggagttg acaggctgac 60
ttggaggagg ctcatgttcc aactattcac tcattgtgca agctacgggg cctctttgtg 120
cccatgccc taggtctgga ataacagaat gctgaggggt agacagcagg ggggagttgc 180
ccccaggttc ctgaccagtc ctccctacggc ttatancacg tcgacatcca gaacttctcc 240
tccagctnga gtgatgggat ggcnttctgt gccctggtgc acaacttctt ccttg 295

<210> 2639

<211> 445

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3) .. (4)

<223> n=unknown

<220>

<221> misc_feature

<222> (153) .. (153)

<223> n=unknown

<220>

<221> misc_feature

<222> (277) .. (277)

<223> n=unknown

<220>

<221> misc_feature

<222> (431) .. (433)

<223> n=unknown

<400> 2639

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gcnnnggggga ggggtgtcgca acagacaggg cagcgggtggg cggacgcaca ggcaggagac 60
gggtgcccggga gagtggggggc ggcagttgcc actggctggc catgcgggcg ggcaggctag 120
acattcttgc cgcgcaggcg cagttcgtgg cgcgcaggt ggttgtagag cgactgcaca 180
taggtgaaga cacacttggg gtcaggcttc ttgcccatga tcatcatgtc gtccacctcc 240
accaggggca cacagtccac cagcatccgt ggggccncga gcaggggtta ggactttttg 300
gtttttacca gccccttctg gaccagacag cggtagaatt cctggatgta cgtgtacacg 360
cacttcagtc caggctctcg aagccgcacc atgtcctctg tatccaggag ctgcgggcag 420
tccgcatggg ncncgcaga tgaga 445
```

<210> 2640

<211> 361

<212> DNA

<213> homo sapiens

<400> 2640

```
gagagacaga ggcaccccg gacagagacgt gaagcactga ataaatagat cagaatgact 60
gaaaaagccc cagagccaca tgtggaggag gatgacgatg atgagctgga cagcaagctc 120
aattataagc ctccaccaca gaagtccctg aaagagctgc aggaaatgga caaagatgat 180
gagagtctaa ttaagtacaa gaaaacgctg ctgggagatg gtcctgtggt gacagatccg 240
aaagccccca atgtcgttgt cacccggtc accctggttt gtgagagtgc cccgggacca 300
atcaccatgg accttactgg agatctggaa gccctcaaaa aggaaacat tgtgttaagg 360
a 361
```

<210> 2641

<211> 355

<212> DNA

<213> homo sapiens

<400> 2641

```
acagtgtctc tcacaaaaga agaactccct ctggcagggg atgtgactag ggactcattg 60
```

ggccagcaac aaccacaaaa gaatctaggc attagaatga actactggaa cctgagtcaa	120
agacctgtta gtgataattt gcccattttc tggcctctag ttgcttgaat aggggtaaga	180
cagggaaata ttaaatgatt gtgtactgag atggagacgt ggaagatctg gccctgatgg	240
aggatcagag ggagcagggt gggtgaaagc ccggttttaa gcctcttggt ctagggacca	300
cgttgagtga caaggtggga aaaagatgca tcaataaggg aatgtggcag tgttg	355

<210> 2642

<211> 426

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (50)..(50)

<223> n=unknown

<400> 2642

ggagataaga aatatgactc tcttggtaga gaagcttgag acactagacn aaaacaatgt	60
ccttgccatt cgccgagaaa tcgtggctct gaagaccaag ctgaaagagt gtgaggcctc	120
taaagatcaa aacaccctg tcgtccacct tctccact ccaggagct gtggcatgg	180
tggtgtggtg aacatcagca aaccgtctgt gggtcagctc aactggagag ggttttctta	240
tctatatggt gcttggggta gggattactc tccccagcat ccaaacaag gactgtattg	300
ggtggcgcca ttgaatacag atgggagact gttggagtat tatagactgt acaacacact	360
ggatgatttg ctattgtata taaatgctcg agagttgcgg atcacctatg gccaggtag	420
tggtac	426

<210> 2643

<211> 372

<212> DNA

<213> homo sapiens

<400> 2643

gggcaggcag cagctggctg accaagtcca ctggaagaga aggcttgtgc cagccgggag	60
---	----


```

aaggaagccg gggacaggat gaaagcaaca acacctttgc agacagtcga ccggcccaag 120
gactggtaca agacgatggt taagcaaatt cacatggtgc acaagccgga tgatgacaca 180
gacatgtata atactcctta tacatacaat gcaggtctgt acaaccacc ctacagtgt 240
cagtcacacc ctgctgcaaa gacccaaacc tacagacctc tttccaaaag ccactccgac 300
aacagcccca atgcctttaa ggatgcgtcc tccccagtgc cccccccaca tgttccacct 360
ccagtccgc cg 372

```

<210> 2644

<211> 408

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (169)..(250)

<223> n=unknown

<220>

<221> misc_feature

<222> (372)..(394)

<223> n=unknown

<400> 2644

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actgagtcca ctctgaacgt gctaaaatgg gaaggaggcg gtgttttgat gatctggtta 60
attcttagtg aagtttcctt gatttccagt ggctgctgtt gtttgagttt ggtttggagc 120
aaaactgagg tagtcctaac atttctggga ctgaatccag gcaagagann nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn aaaggtaggg agaaataaan ggaggagaga agcacagtga 240
aagaaaaaan aagtcccttt tcgacatcac attcctgtgt tttccctcag cctggaaaac 300
atattaatcc cagtgttttt acgcccggaa acaaagagac taagccagac tatgggggaa 360
agggagataa gnaggatcct ggaactttaa agangggaaa gagtgaga 408

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<210> 2645
 <211> 346
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (304)..(332)
 <223> n=unknown

<400> 2645
 agactccttt gcttttttaa ggggaacatt cccacctgc agctcgtcct ccagctgaga 60
 ggcagtaggc cggctgaggt cactactctc ctcatactca ttactaagaa ttttgcctg 120
 ggccttcttt ttgggaggtt tctcctttgc tggcttgga ggacctggca ccacatttgg 180
 gtctcgggtg ccatgttccc gcctgtccat gcggttgctc cggaaacggc ctgggccagc 240
 agccttctg ctgggttctg agatggtggt gggaggggca tttgtgaagc tctgcaagct 300
 ggtngccttg ctgggnctcc tggtnngctg tngcctctcc ctgtgc 346

<210> 2646
 <211> 346
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (54)..(54)
 <223> n=unknown

<400> 2646
 atgcagtttg catgcattga tttttgcac tggctgggt gtagtgggaa agancttaat 60
 ctatttcatg aagccacatg cagatgtctg cccccccca tggctgcagg ctttgccttc 120
 agccttcttt caaggaaagc ctggggcttt ctggtttctc atttatattt gtgtctgcag 180

ggtgcaacac cggaggatatt cagcaacctc ccacctgaac aaagaaggaa aaagctgcag	240
cagaaagtcg atgagttaaa taaagaaatt cagaaggaga tggatcaaag agatgccata	300
acaaaaatga aagatgtcta cctaaagaat cctccagatg ggagac	346

<210> 2647

<211> 353

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7) .. (351)

<223> n=unknown

<400> 2647	
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cgggtncagn catcgctttt gtcttcctct atganatacn atgtntctcc ttcaactang	120
gaaatngttc cttcattctg accttgcaaa tntgtagaca gntttgcacg ccnctatggc	180
anggaggggc tctcatcat naaactcgtc gtcaaaatnc gtggccanca cnttcatctn	240
actctcnga ctctgctact ctgtgtaang cnanntnggc tntnanggtc ntgcgcgnag	300
ttgttgactn tgggtangtt ntggctgtng tacantnccg nctgccggag nga	353

<210> 2648

<211> 505

<212> DNA

<213> homo sapiens

<400> 2648	
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gctggttata actgtgaggc ctataataac cctgcagact tcttcttgga catcattaat	120
ggagattcca ctgctgtggc attaaacaga gaagaagact ttaaagccac agagatcata	180
gagccttcca agcaggataa gccactcata gaaaaattag cggagattta tgtcaactcc	240
tccttctaca aagagacaaa agctgaatta catcaacttt ccgggggtga gaagaagaag	300

aagatcacag tcttcaagga gatcagctac accacctcct tctgtcatca actcagatgg 360
 gtttccaagc gttcattcaa aaacttgctg ggtaatcccc aggctctat agtcagatc 420
 attgtcacag tcgtactggg actgggtata ggtgccattt actttgggct aaaaaatgat 480
 tctactggaa tccagaacag agctg 505

<210> 2649

<211> 528

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (428)..(428)

<223> n=unknown

<400> 2649

aatgtatctc tttaaaacaa ttgctgctgt gcaacagtgt gatggcaagg gaacagaaaa 60
 caacaaaaaa acttgattga atacttcaat caaagtgctt cttttttatg tgaggataaa 120
 tcatactgaa ttaaggggaa atttaagaat attttttaag aaataacaat ttcaggtagg 180
 caattgtgag gaaaataaca atcatacaag ccaaggccac gtgattcttc cacaagcccc 240
 aggggtgagag atcgatgccc tgctttacca aatattcttc gccagtacat gttgcatagt 300
 tacaaggatt gtttctctgt gcattgagtc ctgggcagaa gttttgtccc aaaaattcat 360
 tatgctgcaa agccgtaaata ccatatcgtg gaatgctgaa gtactgaagc catgacagcc 420
 aagatgcnat ggttgtgaga ttgaccaaca gacctgaaaa atcatcataa acacaaaaca 480
 gatgggcatg agaagtgttg ctacagaaac cacactctga cctgctgc 528

<210> 2650

<211> 355

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (37)..(77)

<223> n=unknown

<400> 2650

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ctagtattct actagaactg gaagattgct ctccganttt tgttttgtaa ttttgnttaa      60
aaaataaaaa acttgangcc aaagcaattc ctattggctc ccaggatatt ttgctgtgct      120
gtgcaaggaa tctgctagct caagattcac aatgttgaaa gcccttttcc taactatgct      180
gactctggcg ctgggtcaagt cacaggacac cgaagaaacc atcacgtaca cgcaatgcac      240
tgacggatat gagtgggata tgtgagacag caatgcaaag atattgatga atgtgacatt      300
gtccccagac gcttgtaaag gtggatgaag tgtgtccacc actatggagg atact          355
```

<210> 2651

<211> 404

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (189)..(189)

<223> n=unknown

<220>

<221> misc_feature

<222> (395)..(395)

<223> n=unknown

<400> 2651

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gccagccta ccatactgat tttcaaggca gggcttaacc cttcataaga tgtgagttct      60
tccaacccaa taagcaggca gctttgagga caaaaaggca acattaaaag ataagaccct      120
agaagtcaga acatctgtat tccaaggcca ccccttctcc ttttagtcat gtgactttgg      180
```

gcaggtcanc ctccctgtct gtaaaatgag gttggactgg ataatcttta tgtgcccttt 240
ccttttggct taaaattctg tgatttatct atcttaggaa gatcagcata tttattggga 300
tttctgcttc aaaaattctt tctaacctca aaaatccaag tccagaattt tttgttttct 360
tctggattta aactgtttta tatgagcaca tcaanggtga cttc 404

<210> 2652

<211> 477

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (375)..(447)

<223> n=unknown

<400> 2652
ctgttggtgtt tacaggcatc atatagaagt gaatattatt attcccaaac tttcaaacac 60
agaatactca aaactatata acaacaacca gtaaaacaaa accattcatc ttaggggtga 120
aaggccactc aaaattgcat aaaaatacat tcagttcaca aagcaagtct ggctgcttct 180
ccctaaacaa cccaacccc accccatccc aggtgtattt acagtggact gaagttaatc 240
catacaactc agctgaaaaa cagttacatc tgggtgtgtga accttgggtg aactaggggtg 300
aagggtggag taaagacaca aaatgctacc actaaaatgg gagaggcatg gaaacctcag 360
ggtggttctt ttcancctg ttgatcaagg tcagggcaa gacaaggag ggaagggnaa 420
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<210> 2653

<211> 177

<212> DNA

<213> homo sapiens

<400> 2653
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ataaaagctc aaagtgatgc agcgagtgt gatgcagaag ctgcagcaaa ttaccga 177

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<222> (78)..(291)

<223> n=unknown

<400> 2654

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

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<210> 2655

<211> 238

<212> DNA

<213> homo sapiens

<400> 2655

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caagcccctg ttgaagacgc agggccaaca ggggccaacg aagatgactc tgacgtcccg 120

gccgtggtcc ctctgtctga gtatgatgct gtagaaaggg agaaaatgga ggcacagcaa 180

gccccaaaaa gcgcagagca gcccagagcag aaggcagcca ctgaggtgtc caaggagc 238

<210> 2656

<211> 351

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (168)..(168)

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<222> (303)..(345)

<223> n=unknown

<400> 2656

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tcttctggca cagactttgt tccagctcca cctccctctt cctcagangg gaggacgacc	180
tcttccagct gctgatcatt tacagtggaa ccttctacct caacagtcac ggtcttttct	240
gaggcttcac tcatgtcttt ggaaatatca gaatgtgctt gtcccactgc ggttgactct	300
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<210> 2657

<211> 273

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (52)..(149)

<223> n=unknown

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<222> (268)..(268)

<223> n=unknown

<400> 2657

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cctggnggng taccttgtnt cccatncnnt cccttggttac tcccatgacg gacattgtcc	180
ccatccaggg agtaacaagg gatggcatgg gagacaaggt actcctccag ggccttaaca	240
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<210> 2658

<211> 512

<212> DNA

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<223> n=unknown

<400> 2658

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catttngtta cgggtgctcac agnttacaan ncacatacnt gtgcntcatc acagtttgtc	240
caccngtaag atgaaagggt tggantntnt gncttctgtg gtttttccag ttctagtgc	300
ttgntagtct gatagtntna attatTTTTT antacagctg gcgctgctgc tgnecatcagg	360
gccatccttt ctgcaaganc acaatnatcc acagcaaaga gcgggaaaga taaantttcc	420
acgagattcg ccaacattgt ttgangtcnt ttcacaaat cactgtatgn tattaataagt	480

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512

<210> 2659

<211> 384

<212> DNA

<213> homo sapiens

<400> 2659

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ctcatcagtc ctgacaccaa aaaaatagca ttggagaaaa attttaagga gatatccttt	120
tgctctcagg gcacagaca cgtggaccac tttgggttta tctgtcggga gtcttcggga	180
ggtggcggct ttcattttgt ctgttacgtg tttcagtgc caaatgaggc tctggttgat	240
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<210> 2660

<211> 367

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (63)..(63)

<223> n=unknown

<220>

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<222> (275)..(306)

<223> n=unknown

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<210> 2661

<211> 512

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(382)

<223> n=unknown

<220>

<221> misc_feature

<222> (507)..(507)

<223> n=unknown

<400> 2661

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atgctatcac ttttgaggga ctgcttgggg atgccactga caacatgcag ggcgtggttg	180
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tcctatgtct cattttggna gncactgatg ccagcttctt gggttcaaata acttcacacg	420
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512

<210> 2662

<211> 587

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (320)..(320)

<223> n=unknown

<220>

<221> misc_feature

<222> (506)..(552)

<223> n=unknown

<400> 2662

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tccaaagcag ggccagacac aacacctgca ggaaagtga caggtggact ctgcgcagag	180
gaacatgacg caggtagatg aagtcaggct gatgcttcag aggcatcaga agcagcttca	240
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agagtacagg catgggtatn aacttcaaga tgggagccat aaagactgac agaccagtca	360
gaataaacac aagggttcca gtgactcttt gttccctcac tctagaaac tttggttggt	420
ctccaggtgc agaagtctct gtctccatct tcaaactgtc gatgtgagca atggagatga	480
ccgtagcagc tacataccac cggaanagcc atgagggagc atataaccat gaggattgcc	540
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<210> 2663

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

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<222> (316)..(468)

<223> n=unknown

<400> 2663

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ggtcctttcc gacaagctga aggaggctga gactcgggct gagtttgcg agaggtcagt	180
aactaaattg gagaaaagca ttgatgactt agaagagaaa gtggctcatg ccaaagaaga	240
aaaccttagt atgcatcaga tgctggatca gactttactg gagttaaaca acatgtgaaa	300
actccttagc tgcgancaca ttctttcatt tgnnttgntt tgnnttgntt ttaaacacct	360
gcttaccct taaatgcaat tatttacttt tancactgtc acagaaacat cccacaagat	420
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<210> 2664

<211> 596

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (577)..(577)

<223> n=unknown

<400> 2664
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agcgtggctt acagaccctt ggcttttagtg aattcaggca tgcgggatcc atagtctcat 240
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gttgaacaaa agaccacagg gggacctttt gttcaaagta gcaccaatcc acacctgatt 360
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ctgctttagt gaggattcct acgtgacta agcacactgt gttgctaaac tctctacaaa 480
gtgtggcagc atcaaccggg gaaatggcac atttgaacca ggatcgccct gacatggggc 540
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<210> 2665

<211> 467

<212> DNA

<213> homo sapiens

<400> 2665
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aagcagcaga acatccagca tggccagccg aaccagctct gagatgagtt gggtagatct 180
gaacatccct gatacccag aaggtagacc agacctaatg tcttttcttt gtttctggtc 240
tacctgggtt tgtaaaattg tgatggcca gcatttcttg ggcaggatcc ttatgtggcc 300
atattttctt ttctagctcc tcctgctat atggatgtca ttctgaaga tcaccgattg 360
gagagcccaa cccactctc tgctagatga catggatggc tctccaagac agccctatct 420
ttatgtatgc cctgagttc aagttcatgc caccaccgac ttatact 467

<210> 2666

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (437)..(486)

<223> n=unknown

<400> 2666

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gcctccaaaa aaccttgaaa agcttacgcc aggaggccat tttaccta cccgaaacta      180
tcgaaaaggc ctcaattttc aaggagatct gagaaaaatgg atgggcctga gtttttctag      240
ttatttttaa acccatccaa caaacacccc tgtatcaciaa catgggcgct ggctgaggat      300
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cagaggctaa ggtggacca cactccattg cagagaactg ttgagtctct gaaaaagtga      420
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<210> 2667

<211> 559

<212> DNA

<213> homo sapiens

<400> 2667

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cctgttttgt gtgtgtagcc tgtggaaagc ccattcgga caatgttttt cacttgagg      180
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gtgaatttcc catagaagct ggtgacatgt tcctggaagc tctgggctac acctggcatg      300
acacttgctt tgtatgctca gtgtgttgtg aaagtttgga aggtcagacc tttttctcca      360
agaaggacaa gccctgtgt aagaaacatg ctcatctgt gaatttttga aagtcaacag      420
ttcaggagaa gagaaggaat ttgaagagaa aaaggaaaat taaaattact aattaatttt      480
tagattcaat atttatatgg agttttgaaa aataatagtg ggcctgaag gaataaatc      540
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cagctttaaa aacccaagt

559

<210> 2668

<211> 273

<212> DNA

<213> homo sapiens

<400> 2668

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ttctgttatt gataaaattt aaggcatttt cattgccttt tgcagattta ctcataacta 180
cctaacaagg aaagaaggta taattatttc agattggatt atttattcta aaattaaatt 240
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<210> 2669

<211> 203

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (42)..(192)

<223> n=unknown

<400> 2669

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tancagntga tgtntggcnn gtgtgggnnc tacaacggcg accccaagga tggnttncag 180
aagcccaatg gntcgcaggc agg 203

<210> 2670

<211> 612

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (350)..(350)

<223> n=unknown

<220>

<221> misc_feature

<222> (527)..(610)

<223> n=unknown

<400> 2670

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gcatgggtcat tgctgacaat cacagccacc ttcccattgg ctccaagcca cacctggacc     300
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gtggtgaggn tg                                                                612
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<210> 2671

<211> 369

<212> DNA

<213> homo sapiens

<400> 2671

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gaaagtgggg tcccatcaag gttcagcggc agtagatctg ggacagatct cactctcacc	300
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<210> 2672

<211> 533

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (24)..(99)

<223> n=unknown

<220>

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<222> (516)..(516)

<223> n=unknown

<400> 2672

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<210> 2673
 <211> 240
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (146)..(201)
 <223> n=unknown

<400> 2673
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<210> 2674
 <211> 536
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (109)..(212)
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<400> 2674
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<210> 2675

<211> 487

<212> DNA

<213> homo sapiens

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<222> (448)..(448)

<223> n=unknown

<400> 2675

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gccgaagaca cgggtctcta ttactgtgcg cgagattcta atgtctttga tactaatggc	180
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cagggcgtga ccgccagaaa cttcccaccc agccaggatg cctccgggga cctgtacacc	420
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<210> 2676

<211> 483

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5) .. (7)

<223> n=unknown

<220>

<221> misc_feature

<222> (454) .. (454)

<223> n=unknown

<400> 2676

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<211> 493

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (157) .. (166)

<223> n=unknown

<400> 2677

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gcgctgcacc ggcacattat gatggagcgg gagcgnaac gtcnangagg aagaagaggt	180
ggataagatg atggaacaga agatgaagga agaacaggag agaaggaaga aaaaggagat	240
ggaagagaga atgtcattag aggagaccaa ggaacaaatt ctgaagttgg aggagaagct	300
tttggctcta caggaagaga agcaccagct tttcctgcag ctcaagaaag ttttacatga	360
ggaagaaaaa cggaggcgaa aggaacagag tgacctgacc accctaacat cagctgcata	420
ccagcagagc ctgactgttc acacaggaac tcatctcttc agcatgcaag ggagccctgg	480
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<210> 2678

<211> 527

<212> DNA

<213> homo sapiens

<400> 2678

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cgtgtttaac atgccacatg atgatgcaaa gcagtgtgcc agccttaatg gtgtgaacca	180
ggattccac atgatggcgt caatgctttc caacctggac cacagccagc cttgggtctcc	240
ttgcagtgcc tacatgatta catcatttct ggataatggg catgggggaat gtttgatgga	300
caagcctcag aatcccatac agctcccagg cgatctccct ggcacctcgt acgatgccaa	360
ccggcagtgc cagtttacat ttggggagga ctccaaacac tgccctgatg cagccagcac	420
atgtagcacc ttgtggtgta ccggcactct ggtgggggtgc tgggtgtgtca aaccaaacac	480
ttcccgtggg cggatggcac cagctgtgga gaagggaat ggtgtat	527

<210> 2679

<211> 519

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (501)..(501)

<223> n=unknown

<400> 2679

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tggaaggaac acccaaacca atacttataa agtacatgta atttatagta acatatttta      180
ctatatacat atggaaaaaa tcatattctc acagaagagc tgaacagaca ttcaccagga      240
tacgactgtt ggaccagctg ctggagatgg acctgctacc cctcagcagc ctccccacca      300
caagacaagt gatctcaatg tccccaaaacc tgtgggaccc tgttctccac acctcatttt      360
tgttccggcg tttcatcctc cttgtgtgat tgtactgatt ttcatgagac acaagttact      420
tctttacatc catattccca aagcagggtt acatggtagg aaagaaagga agttggaggt      480
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<210> 2680

<211> 338

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (332)..(332)

<223> n=unknown

<400> 2680

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acaaattcga ggggagagtc gacatgaccg aggacattt ctcagacaca gcctacatag      180
agttgtacaa ctttcgatct gaggacacgg ccatttatta ttgtgtagtc tgggaatttga      240
ttctgtctcg cgccctccgt cgactcgacc cctggggcca gggaactcta attactgtct      300
catcagcatc cccgaccagc cccaaggctc tnccgctg                               338
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<210> 2681
 <211> 586
 <212> DNA
 <213> homo sapiens

<400> 2681
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 accatgcagg agaaggtgtc ccccttcttc cagtcctcgg ctgccacgcg cagtatgctg 180
 gtcacagcga aggtgggtgt gccctggctg ggctcctgcc gggatgcca agtcaggtac 240
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 aagccgctg ccaggcacgt cagcgtcacc agctcgttca gggccagctc ctccgacggc 360
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 agcggggtct tggactcggg gtaggcagca gtgcaagtga aggtcttccc atggttccat 480
 ggctcggcac agcccggcag gacactggac acgctgtagc agccacagag gtcacgggtca 540
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<210> 2682
 <211> 364
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (330)..(330)
 <223> n=unknown

<400> 2682
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 tccaggagaa agagtgactc tctctgcag cgccagtcag tctattggta ccaagttggc 180
 ctggtatcaa caaaaacctg gccagtctcc caggctcttc gtttatggtg catctgtcac 240

ggtcactggg attccagaca gattccgtgg cggtggctct gagacacatt tactctcacc 300
atcggcagcc tgcagtcgga agactctggn acttattctg tcaccaatac tttgagtggc 360
cctc 364

<210> 2683

<211> 546

<212> DNA

<213> homo sapiens

<400> 2683

aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60
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cactctcccc tgttgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctgtagtct gctttgtcga gcgtcagggt gctgctgagg 240
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agggcggttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360
cacacaacag aggcagttcc agatttcaac tgctcatcag atggcgggaa gatgaagaca 420
gatggtgcag ccacagttcg tttgatgtcc agcttgggtc cctggccaaa agagtacgag 480
ggccactcaa agtattggtg acagaagtaa gttccagagt cttccgactg caggcttgcg 540
atggtg 546

<210> 2684

<211> 476

<212> DNA

<213> homo sapiens

<400> 2684

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gccactgag aggcctccct tgaattgggg acaactcttg gcctggttt ggccattttt 180
ttgtgagaga cgggggcagg ccctggcttg gagtcttgtt tatacgttct tgatgttcat 240
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ctttgggcag cttggcagtg accaagaatg atgggcatac cgtggagatc ccaactgggt	360
tatgaagaaa gcgcaggagc ataagaggga attcacagag agccagctgc aggagggaaa	420
gcatgtcatt ggccttcaga tgggcagcaa cagaggggct cccaggccgg catgac	476

<210> 2685

<211> 285

<212> DNA

<213> homo sapiens

<400> 2685	
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ggacaaagga ctttgcttct gccagcacat ctgtcttcag atatgagagg aaacagacac	180
aacctggagg cggcaaagaa gcagctcttt ctcaagtgc ctctctatc tccctacttc	240
ctggctaattg gggcagcctt gatccttggg aatccaggac agata	285

<210> 2686

<211> 185

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(180)

<223> n=unknown

<400> 2686	
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ctgaggagca ggtgggggca cttctccctc taacactctc ccctgttgaa gctctttntn	180
acggg	185

<210> 2687

<211> 528
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature
<222> (452)..(452)
<223> n=unknown

<400> 2687
actgcacagg tcaggatggc cctcagcacc ctgacctcca gctcactgat accacctccc 60
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tgttttcagg gtctttatcc caggttgtgc tgactccacc gccctccgcc tctgcttccc 180
tgggagcctc ggtcaacctc acctgcaccc tgagcagtgg actcaggttt gcgccatcgc 240
gtggcatcag tgacagacag agaagggccc acggtcgctg atgaaagtca acaatgatga 300
caatcatatc aacggggacg aaattcctgc tcttctctga ctgagtcgg ggacttacca 360
ctagtccaac atgtccagtc tccgggtctga ggcggggcct gactcttact gtcacacctg 420
ggacactgga tttagttggg tgttcggcgg anggactagg tgactgtctt acgtcagccc 480
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<210> 2688
<211> 252
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature
<222> (101)..(132)
<223> n=unknown

<220>

<221> misc_feature

<222> (252)..(252)

<223> n=unknown

<400> 2688

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ggggcnactg tnttctccac ggtgctccct tcatgcgtga cctggcagct gtagcttttg 180
tgggacttcc actgctcagg cgtcaggctc aggtagctgc tggcgcgta cttgttggtg 240
ctttgtttgg an 252

<210> 2689

<211> 356

<212> DNA

<213> homo sapiens

<400> 2689

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agaggccaaa taacttgtaa acaagaaaag gtaacttgtc aacagtcata actagtaatt 180
atgagagcct tgtttcataa ccagggtcttc ttactcaaat cctgtgatgt ttgaaataac 240
caaattgtct ctccaatgtc tgcataaact gtgagagcca agtcaacagc ttttatcaag 300
aatttactct ctgaccagca ataaacaagc actgagagac acagagagcc agattc 356

<210> 2690

<211> 491

<212> DNA

<213> homo sapiens

<400> 2690

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ggtaaaatct gaatctggct ctctgtgtct ctcagtgtt gtttattgct ggtcagagag 180

taaattcttg ataaaagctg ttgacttggc tctcacagtt tatgcagaca ttggagagac	240
aatttgggta tttcaaakat cacaggattt gagtaagaag acctgggttat gaaacaaggc	300
tctcataatt actagttatg actgttgaca agttaccttt tcttgtttac aagttatttg	360
gcctctttga attacttgta aaatagagat agggattctt tcttgatcat ggaacatcaa	420
atgaagttat ttgatgaaat actttgtcat ctggaaatta taaatataac taaatgtaat	480
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<210> 2691

<211> 353

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (157)..(417)

<223> n=unknown

<400> 2691	
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ccctgctaag ctcttcgggt tcgtggcccc gaagcanggc agcaccacgg acaacgcctg	180
ccacctcttt gctgagcttg accccaacca gccggcctct gccancgtca gcttcgtctc	240
caaggctcatg ctgaatgccg gccaaaagag atgaacctg ccccttgccc agggccantg	300
ccatggggaa ggggcttgtn gggaggggan ccatgaatcc tgaccactct tga	353

<210> 2692

<211> 510

<212> DNA

<213> homo sapiens

<400> 2692	
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ataggcttaa gaatggagtc ctggtgaatt ttccattctg gcttagagtc cttaaagtgt	120

ggtcaggtgt	tttcccaact	gtccagtga	ccttaggccc	tttggcccaa	gtgcaagcct	180
tctgccctct	gctgcatggg	cagcgtggct	cagctaggga	aaccaaggca	gaaaggggtga	240
cagtgaggct	ttggcattgt	aggtaggcga	tgtggtgtac	aggcagcagg	cccaggagct	300
ctgctgaggt	cagaggggtgc	ctgcaaaagc	cagaccctaa	aacacttaca	gagggggagga	360
taaggactcc	aggtttctgg	ccggagcctc	actgagcaga	aagtaggttc	cccaggggaga	420
attccaacac	agggaccctg	cagaatagaa	cagggctggg	cagagcagca	agactcaatc	480
cccagccccc	aaaaaaggca	tcatgcaggt				510

<210> 2693

<211> 427

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (417) .. (417)

<223> n=unknown

<400> 2693

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cacccttac	cccggcatga	tggtggattc	tactttctac	aataagatca	agagtgggta	120
ccggatggcc	aagcctgacc	acgctaccag	tgaagtctac	gagatcatgg	tgaaatgctg	180
gaacagtgag	ccggagaaga	gaccctcctt	ttaccacctg	agtgagattg	tggagaatct	240
gctgcctgga	caatataaaa	agagttatga	aaaaattcac	ctggacttcc	tgaagagtga	300
ccatcctgct	gtggcacgca	tgcgtgtgga	ctcagacaat	gcatacattg	gtgtcactac	360
aaaaacgagg	aagacaagct	gaggactggg	aaggtgtctg	gatgagcaga	gactganccg	420
tgacagt						427

<210> 2694

<211> 492

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (385)..(455)

<223> n=unknown

<400> 2694
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gtaagtatct ttctttttat tattttctaaa atataaattt tggacattca aaagtgcaac 180
agttaatgtg cctgtgggga ttatcacagt taaaaaata taaacgaagg cagtgatata 240
gcttgtcata aatggttttg cagtattctc caagtctata tagaaatata tatatacata 300
ttgatgtata acatcatttt atcttatgtc cctcttcaca aaaataggac cttttgtac 360
agattggcag accacatttt aaggncatca ctaatcgta aaaagtcaca aatagtgttt 420
ctcaggccgg ctttgattgt cacataaaan taganagtag gaaagattgg caaatttctc 480
tggagacttt gc 492

<210> 2695

<211> 439

<212> DNA

<213> homo sapiens

<400> 2695
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gtcaaagaat tgtgtgctta gttcttgata agtctggaag catgggggggt aaggaccgcc 120
taaatcgaat gaatcaagca gcaaaacatt tcctgctgca gactgttgaa aatggatcct 180
gggtggggat gggttcacttt gatagtactg ccactattgt aaataagcta atccaaataa 240
aaagcagtga tgaaagaaac aactcatgg caggattacc tacatatact ctgggaggaa 300
cttccatctg ctctggaatt aaatatgcat tcagggtgatt ggagagctac attcccaact 360
cgatggatcc gaagtactgc tgctgactga tggggaggat aacactgcaa ttcttgtatt 420
gatgaagtga aacaaagtg 439

<210> 2696
<211> 503
<212> DNA
<213> homo sapiens

<400> 2696
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tcttacaat aaaataacaa ataaatgaaa ctattaaatt ttaatcttga cagtttttac 180
atatccatga gtgtttttat ttaatcaaag tacccttttc cgacatctta aaattatttt 240
tatgagttaa tgatcacaca tgggatgaat ttaagattc agaaatatcc ttactttaca 300
ttgttttggt ttttaaaact ctcttctagg tctacttgaa gatttttttc ttcgttaagg 360
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ccagcgtgaa atattaactc cagaattatg acttttatca ggagtaggag taggagtagg 480
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<210> 2697
<211> 466
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (88)..(88)
<223> n=unknown

<220>
<221> misc_feature
<222> (408)..(408)
<223> n=unknown

<400> 2697
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 cttgacaaca acgtgggtgaa tgggtccagc cctgccatcc gcactaacta cattggccac 180
 aagacaaagg acttgcaagc catctgcggc atctcctgtg atgagctgtc cagcatggtc 240
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 actgaagaga acaaagagtt tggccaatga gctgaggcgg cctcccctat gctatcacia 360
 cggagttcag tacagaaata acgaggaatg gactgttgat agctgcantg agtgtcactg 420
 tcagaactca gttaccatct gcaaaaaggt gtcctgcccc catcat 466

<210> 2698

<211> 322

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (232)..(298)

<223> n=unknown

<400> 2698
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 tctgaaaggc agagcagggt acaccacggt ggccgtgaag atgctgaaag anaacgcctc 240
 cccgantgan cttcgagacc tgctgtcaga gttcaacgtc ctgaagcagg tcaaccancc 300
 acatgtcatc aaattgtatg gg 322

<210> 2699

<211> 251

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(246)

<223> n=unknown

<400> 2699

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taagcatttt tcaaactctc cctctgggtg tgtgcgnaca cnncatnagg ctctattaca      180
cacgnatcca agccnnggcc tcacacaatg ccacaanttt nctgtttgtg cgaaatgnct      240
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<210> 2700

<211> 293

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (63)..(63)

<223> n=unknown

<220>

<221> misc_feature

<222> (179)..(290)

<223> n=unknown

<400> 2700

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cctttctctg cggggccctg ctaggcttcc tgtgcctgag tgggctggcc gtggaggtna      180
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aggtaccac agagccgctg agcacgcccc tggggaagac agccganctg acctgcacct 240
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<210> 2701

<211> 525

<212> DNA

<213> homo sapiens

<400> 2701

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gtgtgctcag agatcccagg agcgatggca tctctccgaa gtcactaccc ccatatgtct 180
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<210> 2702

<211> 381

<212> DNA

<213> homo sapiens

<400> 2702

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gagcctgggg gaagacgccc acttccaatg cccgcacaat agcagcaaca acgccaacgt 360
caactggtgg cgcgttctcc a 381

<210> 2703
<211> 539
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (293)..(530)
<223> n=unknown

<400> 2703
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gggattaggt taggaggtgg ggcagtttag agggagaag agtgggacac ccccagggga 180
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aactggagc tgggtgcaca gcaggcgggg gcagcctggc aggagtaggg gtgtcacggc 360
ttctccagct ggacatctcc tatgttgag ctgccacat cctggtaggt gccctggaag 420
ccccgggaga tgtctcata catggagcag tcgtccaggt tcaggccttc ataaangttt 480
tcattctcaa attcatcccc cggcattcaa acccgagctt ctggttctgn catcgtttt 539

<210> 2704
<211> 484
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (240)..(240)
<223> n=unknown

<220>

<221> misc_feature

<222> (384)..(384)

<223> n=unknown

<400> 2704

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gcatgacaga gaaggcactt ccttcggcca accctggaac tgaattcggc ctgaagttga      60
tcctggacat aggccaggaa gactacgtcc ccttccttgc gtccacggcc ggggtcaggc      120
tgatgcttca cgagcagagg tcatacccct tcatcagaga tgagggcatc tacgccatgt      180
cggggacaga gacgtccatc ggggtactcg tggacaagct tcagcgcacg ggggagcccn      240
acagcccgtg caccgtgaat ggttctgagg tccccgtcca aaacttctac agtgactaca      300
acacgaccta ctccatccag gcctgtcttc gctcctgctt ccaagaccac atgatccgta      360
actgcaactg tggccatact gtanccactg ccccggtggg gagaaatact gcaacaaccg      420
ggacttccca gactggggcc cattgctact cagatctaca gatgaacgtt ggcgcagaag      480
agag                                                                484
```

<210> 2705

<211> 397

<212> DNA

<213> homo sapiens

<400> 2705

```
cttttggcat gggtttatgc tgagcctacc atgtatgggg agatcctgtc ccctaactat      60
cctcaggcat atcccagtga ggtagagaaa tcttgggaca tagaagttcc tgaagggtat      120
gggattcacc tctacttcac ccatctggac attgagctgt cagagaactg tgcgatatgac      180
tcagtgcaga taatctcagg agacactgaa gaagggaggc tctgtggaca gaggagcagt      240
aacaatcccc actctccaat tgtggaagag ttccaagtcc catacaaaa actccagggtg      300
atctttaagt cagacttttc caatgaagag cattttacgg ggtttgctgc atactatggt      360
gccacagaca taaatgaatg cacagatttt gtagatg                                                                397
```

<210> 2706

<211> 408

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (351)..(398)

<223> n=unknown

<400> 2706

```
tgatcaagta aatggaattt tgaacaggta aagaggaaac aaagaattaa ggtatccctg      60
tggaatagtg caagaaagga gtgccccacc catagtgtta tctacaatag gtactccggg      120
gaaaggaccc caaggagtca gaccacaaat gtatgaccag cacaattcta tgatcaaact      180
ctacctctag caaggcgtct caacaatcaa gttctattta aatcattcgc tcgtgtcttc      240
tttcagtcac gatgaaataa tgagaatata ataaggaaca gaaggtaatg cattggtcac      300
cacccttgga gaagctgggtg ggatgtatct ggattagtcc tcacgggggg ngctatttcc      360
tgcatagtct tcattatcca gtcaacatag ttctttancc gtgtgtag      408
```

<210> 2707

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (413)..(413)

<223> n=unknown

<400> 2707

```
cagggatgta caaaataatt ttaatgtatt aactcatact gcctgtcttt tataggggaa      60
aaaaataacc ttttttattt taaagttata aggtttttac cttttagttg cttggatgac      120
agggaattag cctaccccat tttgggtctgg aacagaagac tttcaaattt aatatgggtcc      180
aagtgtcttc ctactcaagg taaacattat ctccaaaatt acatttatga ttctaattatt      240
```

tggcattgtg tctgtatcta atttaaacag atgttaatgg acgtctggcc gaaactatta	300
tacttttata agatgagctg aatcctctta ctttaaaaac tggctctttt atttaccctc	360
tgtggtagaa gagtcaccag caggttccaa attgatgtgt atgataggaa aanaacctta	420
attttaaata taatatagag ccttaaaacta tgccactggg tggcagaggc tgtat	475

<210> 2708

<211> 407

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (267)..(397)

<223> n=unknown

<400> 2708

gagacagaag gttttcatat aaatgcaagt ttgacaaagt cagcatcttt ctagctgtct	60
aaggaagagt cacttgtaac acagccagcc aggaggctgc tttgtttttt attataaaga	120
acactaacac aaatgcagca tgattgctgt aaaataaatg tgaaatttgt acaaaagtcc	180
cagtccttcc gcagttctag gtttacagtc aggctcaacc ttacttgccc cgctcctgca	240
tgaaaacaag tgcgttttat acagccnngg ccacccagng gcanagnttn aggcncnana	300
taganttaaa antaaggntt ttttccgagc agncacanna attngaaccc ncnggngacn	360
nntngnccac agaggggnaa taaaaagacc agttttnaag taagagg	407

<210> 2709

<211> 398

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (132)..(298)

<223> n=unknown

<400> 2709

```
agaaatttaa gttcgtgtgg ttttaccttt tccgggagtc tccagctggc cctcatttgt      60
gtccggagct caggagttcc caaaccgact cagtcgcacc aagtttccgt cttttggaat      120
tggggaagga gnnnnnnnnn nnnnnnnnnn nnnnnnngag ccagttttaa tcgctttgaa      180
taaatactcc cttaagtagt taaatatagg aggagaaaga atacatcggg tggttaaagcn      240
ggagaggaag agagacctgc cctgtagcgt gactcctctn nnnnnnnnnn nnnnnnnngc      300
cggagtatth tactaagccc ctaaaatgtc gagatttgta caagatctta gcaaagcaat      360
gtctcaagat ggtgcttctc cagttcccaa gaagtcca                                398
```

<210> 2710

<211> 111

<212> DNA

<213> homo sapiens

<400> 2710

```
agtgatcatc attgaggctt cagtcaaaag ctcttccaaa gtagctcagt attaagatta      60
tacaatattg cactttaaga tggactaact tttgggatc tcttcaaaga a                  111
```

<210> 2711

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (362) .. (362)

<223> n=unknown

<400> 2711

gaagctctgt ggcctctttt ngggtggggg cgggggtcca ggcagaaaga aaccgtctgc 60
tgctcaagac ccacaggacg ccgggaagac taaatgatca ctgccccag tgaatatggt 120
gaagaagctg gtgatggccc agaagcgggg agagacacga gccctttgcc tgggtgtaac 180
catggtggtg tgtgccgtca tcacctacta catcctggtc acgactgtgc tgccccctta 240
ccagaaaagc gtgtggaccc aggaatccaa gtgccacctg attgagacca acatcaggga 300
ccaggaggag ctgaagggca agaaggtgcc ccagtaccca tgctgtggg tcaacgtgtc 360
anctgccggc aggtgggctg tgctgtacca cacggaggac atcgggacca gaaccagcag 420
tgctctaca tcccagggca gcgtggacaa t 451

<210> 2712

<211> 73

<212> DNA

<213> homo sapiens

<400> 2712

ggcactttat atcctagaaa atagtaatac tgtaaattgt ttctagaaat gggagctgct 60
gttgctctta tta 73

<210> 2713

<211> 434

<212> DNA

<213> homo sapiens

<400> 2713

ttgggttaac tttataccca aatagcagag aaagctctgg ttacttgaga cttgcttttc 60
atgtgtgcag tggggagAAC gatgctatcc tggagtggcc ggtagaaac agacagggtga 120
taattaccat ccttgaccag gagcctgatg tccagaacag gatgtcctca agcatgggtg 180
tcactacctc gaagtgcac acatctccag cgataaatga cactgtcatc tgggacaggc 240
cgtccagggt gggaacctat catacagact gtaattgttt tagaagcatc gacttgggct 300

ggagtgggttt catttcccac caaatgctga aaaggaggag tttcctgaaa aatgatgacc 360
 tcatcatatt tgtgggactt tgaagatata acccactcag cccagactga agttcccact 420
 aaaggcaaaa gact 434

<210> 2714

<211> 496

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (468)..(480)

<223> n=unknown

<400> 2714

gcgtgatcaa catgagcatc cccattgtac tgcccgtctc tgcagaggat aagacacggc 60
 tggaaggggtg cagcaagttt gtccctggcac atgggtggacg gagggtagct atcttacgag 120
 acgctgaatt ctatgaacac agaaaagagg aacgctgttc ccgtgtttgg gggacaacat 180
 gtacaaaaca ccccatatc aaaatggtga tggaaagtgg ggactggctg gttggtggag 240
 accttcaggt gctggagaaa ataagatgga atgatgggct ggaccaatac cgtctgacac 300
 ctctggagct caaacagaaa tgtaaagaaa tgaatgctga tgcggtgttt gcattccagt 360
 tgcgcaatcc tgtccacaat ggccatgcc tgttgatgca ggacatcgcc gcagtcctag 420
 agaggggtac aacaaccggt ctccataaaa cctctggcgg tggacaanga tgacgatgtn 480
 ctctagactg gcggat 496

<210> 2715

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (220) .. (393)

<223> n=unknown

<400> 2715

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tttacaactg ataatgaca ttggaagagt acaggttgct aagacatgct ggaaaatata      60
ttcacttttc agcaagtaac tagacacatg gtcaaacaaa gccttaagaa atctgggacc     120
tgcttgctca ggtgcagtag aaaatacata gagctaattt tattatgaaa tgtataagaa     180
tattgctttt acctgctaag atttggtctt cagtttgacn nnnnnnnnnn nnnnnnnnnn     240
nnnnnatatat atattttttt ttaattatag acacaacttt tacttcatta taaaagatta     300
aatgcatca ttgagaagcn atttaataca aagcatctaa tcataaaaat agaaaaggta     360
nncaaagagn cnttcagaaa gaaactctgg agncaaaggc ttagttcttc tccaggggacc     420
tgtaataatc tgtcaggacc ttccatgctt tggggggccat                          460
```

<210> 2716

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422) .. (422)

<223> n=unknown

<400> 2716

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gctttgccta aggaaatgga aaattttgtc cagagttcag gggaagatgg tattgtggtg      60
ttttctctgg ggtcactggt tcaaaatggt acagaagaaa aggctaatat cattgcttca     120
gcccttgccc agatcccaca gaaggtgtta tggaggtaca aaggaaaaaa accatcccaca     180
ttaggagcca atactcggct gtatgattgg ataccccaga atgatcttct tggtcacccc     240
aaaaccaaag cttttatcac tcatggtgga atgaatggga tctatgaagc tatttaccat     300
ggggtcccta tgggtgggagt tcccatattt ggtgatcagc ttgataacat agctcacatg     360
aaggccaaag gaggcagctgt agaaataaac ttcaaaacta tgacaagcgg agatttactg     420
anggctttga gaacagtcac t                                     441
```

<210> 2717
 <211> 201
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (10)..(184)
 <223> n=unknown

<400> 2717
 aaataacttan atttatTTTT atatcatcat tttaaaattg aaattaattt gtagatatac 60
 ctantcaaca tctgtaagan tttcnaaatt ttcaaaaagc cagataagcc antttatttn 120
 tttaanncta ttaatnagca tntcactann nttatatgac agtaaaaaaa tgagaaggta 180
 acanatttgc ttactagtgt a 201

<210> 2718
 <211> 302
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (62)..(96)
 <223> n=unknown

<400> 2718
 gctcgaggcc ccctataaaa cagcctacag tggacagtct ggtcggcaga gccgcaggtc 60
 antcgtgaag agggagctct attgccacca tgagtntctc cggcaagtac caactgcaga 120
 gccaggaaaa ctttgaagcc ttcattgaagg caatcgggtct gccggaagag ctcattccaga 180
 aggggaagga tatcaagggg gtgtcggaaa tcgtgcagaa tgggaagcac ttcaagttca 240
 ccatcaccgc tgggtccaaa gtgatccaaa acgaattcac ggtgggggag gaatgtgagc 300

tg

302

<210> 2719

<211> 341

<212> DNA

<213> homo sapiens

<400> 2719

aaataatatg aaatgcagac ttgtttaaat tctcttgctg attctcttga agacaatgtc 60
accaaatgtc atggtattgg tgattatgtc gccgttgagt tcggtcacag acttgatggt 120
tttgaaagct gtcaccagtt tattgtcacc ttccaactga accactgtct tgactttctc 180
ccctgtcatt gtctccagct cacattcctc cccacccgtg aattcgtttt ggatcacttt 240
ggaccagcg gtgatgggga acttgaagtg cttcccatte tgcacgattt ccgacacccc 300
cttgatatcc ttccccttct gggatgagct ctttcggcag a 341

<210> 2720

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (6)..(6)

<223> n=unknown

<220>

<221> misc_feature

<222> (25)..(499)

<223> n=unknown

<400> 2720

accgangctg caccggcaga ggctgcgggg cggacgcgcg ggccggcgca gcatgggtga 60

agattagctt ccagcccgcc gtggctggca tcaagggcga caaggctgac aaggcgtcgg	120
cgtcggcccc tgcaacggcc tggccaccg agatcctgct gacgccggct agggaggagc	180
agccccaca acatcgatcc aagangggga gctcagtggg cgggcgtgtg ctanctgtcg	240
atgggcatgg tcgtgctgct catgggcctc gtgttcgcct ctgtctacat ctacagatac	300
ttctttcttg cacagctggc ccganataac ttcttccgct gtgggtgtgct gtatgaggac	360
tccctgtcnt cccaggtccg gactcagatg gagctggaag aggatgtgaa aatctancct	420
cgagcgagaa gtacngcgc atcaaactg gcctgtgccc agtttggggn gcggtgaacc	480
tgnagacatc atncatgant ttcagcgggg gtctg	515

<210> 2721

<211> 491

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (208)..(401)

<223> n=unknown

<400> 2721

aaagagatct aattgagaaa atatacaaag catttaagag tttcatcccc agagactgac	60
tgaaggcggt acagccctcc tctccaaggc tcagggctga gaacgggttag catatcgaat	120
gatcagtaaa aacatgcaaa agtgagaagg aaagggaaaa aggtgcattc ccctaagctg	180
agggggatgg aatttcagaa cagaggangc aggggtgnca agtnccaggt ggctctccct	240
ttccctctgt gttatctttc aaaacagttc caagcttgga gaaagcaatg agtccacct	300
actcagcaga ncccacggnt cgtncctcgt ggacgtgact gagcagtgac cttgcctgcc	360
ccgttctctca gccgcccatc ccaactgcttg actgagggga ncctgcttgt gctcctgggg	420
ggcaggactg ggggtcctag ctcccttgctt ctttgggtcc actcagagaa cagttgtgct	480
tgacggactc a	491

<210> 2722

<211> 503

<212> DNA

<213> homo sapiens

<400> 2722

```
gtcaccatca cttgccgggc cagtcagggc attagcagtt atttagcctg gtatcagcaa      60
aaaccagggg aagcccctaa gctcctgata tatgctgcat ccactttgca aagtgggggc      120
ccatcaaggt tcagcggcag tggatctggg acagaattca ctctcacaat cagcagcctg      180
cagcctgaag attttgcaac ttattactgt caacatcttc atagttaccc gctcactttc      240
ggcggagggg ccaaggtgga gatcaaacga actgtggctg caccatctgt cttcatcttc      300
ccgccatctg atgagcagtt gaaatctgga actgcctctg ttgtgtgcct gctgaataac      360
ttctatccca gagaggccaa agtacagtgg aagggtggata acgccctcca atcgggtaac      420
tcccaggaga gtgtcacaga gcaggacagc aaggacagca cctacagcct tcagcagcac      480
cctgacgctg agcaaagcag act                                         503
```

<210> 2723

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(19)

<223> n=unknown

<220>

<221> misc_feature

<222> (409)..(409)

<223> n=unknown

<400> 2723

```
cataattaaa gccaannggg aggagggggg tgagggtgaaa gatgagctgg aggaccgcaa      60
taggggtagg tcccctgtgg aaaaaggggc agaggccaaa ggatgggagg gggtcaggct      120
```

ggaactgagg agcaggtggg ggcacttctc cctctaacac tctcccctgt tgaagctctt 180
 tgtgacgggc gagctcaggc cctgatgggt gacttcgcag gcgtagactt tgtgtttctc 240
 gtagtctgct ttgctcagcg tcaggggtgct gctgaggctg taggtgctgt ccttgctgtc 300
 ctgctctgtg acactctcct gggagttacc cgattggagg gcgttatcca ccttccactg 360
 tactttggcc tctctgggat agaagttatt cagcaggcac acaacagang cagttccaga 420
 ttcaactgct catcagat 438

<210> 2724

<211> 140

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (37)..(138)

<223> n=unknown

<400> 2724

gccccgcca ctgcaacct gtgcccgtca tgcccancag gntcctgctc cagcccagcc 60
 cccagagagc agaccccagg tgctggcccc gngggttttg gtctnngcct cagtcactgt 120
 gttatgtctt cggaactngg 140

<210> 2725

<211> 535

<212> DNA

<213> homo sapiens

<400> 2725

gtgcaggag aagggctgga tgacttgga tggggagaga gacccctccc ctgggaccc 60
 gcagctccag gctcccgtgg gtggggtag agttgggaac ctatgaacat tctgtagggg 120
 ccactgtctt ctccacgggtg ctcccttcat gcgtgacctg gcagctgtag cttctgtggg 180
 acttccactg ctggggcgtc aggtcaggt agctgctggc cgcgtacttg ttgttgcctc 240
 gtttgagggg tttggtggtc tccactccc ccttgacggg gctgccatct gccttccagg 300

ccactgtcac agctcccggg tagaagtcac tgatcagaca cactagtgtg gccttggttg 360
 cttggagctc ctacagaggag ggcgggaaca gagtgacagt ggggttggcc ttgggctgac 420
 ctaggacggt gaccttggtc ccagttccga agacataaca cagtgactga ggctcagacc 480
 aaaacccccg gggccagcac ctgggggtctg ctctctgggg gctgggctga gcagg 535

<210> 2726

<211> 413

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (317)..(317)

<223> n=unknown

<400> 2726
 gtgctcacag tcatcaatta tagacccac aacatgcgcc ctgaagacag aatgttccat 60
 atcagagctg tgatcttgag agccctctcc ttggctttcc tgctgagtct ccgaggagct 120
 ggggccatca aggcggacca tgtgtcaact tatgccgcgt ttgtacagac gcatagacca 180
 acaggggagt ttatgtttga atttgatgaa gatgagatgt tctatgtgga tctggacaag 240
 aaggagaacc gtctgcattt ggaggagttt ggcaagcttt ttcttttgag gctcagggcg 300
 ggctggctaa cattgcnata ttgaacaaca acttgaatac cttgatccag cgttccaaac 360
 cacactcagg ccaccaatga tccccctga ggtgaaccgt gtttcccaag gag 413

<210> 2727

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (249) .. (249)

<223> n=unknown

<400> 2727

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cggaaggtg acagtgaggg gttcttcaaa ggagaacaga ggataaaagg ctcaatgaaa    60
ggataatctc catattagtg ctaccaaagt gtcattaatt tctatttggt ggaaacttta    120
ctaaggaatg actgctttga ggtaatggat aaggacagag cttgaagggt cagcaattca    180
gtcagccact ggagtagttt tcacatgaag tgagaagaaa agctgagatg gagtttgtag    240
ggcagctgna ctgcgcacct ctcctaagtc ctcttctggt cagatatttt gtcaccttta    300
cagtatttca caggggtcccc tgggcccggg ggcatggcc agaacgcaga gactttatga    360
tgaggacggt gccacgatg atgccgacta ggcccagcac caggcccagg gcacagagca    420
cagtctccgt tgtctcaggc atctggattg gctcttgggc ctcccagtgc ttgaggagcg    480
gctggtccaa gcccagtgc tccaccctgc agtca                                515
```

<210> 2728

<211> 296

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (293) .. (293)

<223> n=unknown

<400> 2728

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cggtttcagg ctttcttgca gatatgaagt attcttggaa tgcaataagt atgtattgaa    60
ctgtactgta aagtagctcc aaaacttaat tactctcctg ttttaggggt tatacatttg    120
gactgtgcat tctccaagag atgaagcggg gaagttggga ttacattgg aagtgtgta    180
gacttcttta tgtggctcag tggagagagg gaaagaatgt tgcacctgct ctagtaccat    240
aggtcaagag gcttctggat cacaagtc taactagaca ggtttgttct tgnagt        296
```

<210> 2729

<211> 502

<212> DNA

<213> homo sapiens

<400> 2729

```
gtgaggaagg atgggccttg ctgaagtgtg gaggaagaa ttatgaacgg gccaaaggcct / 60
gctttgaaaa ggtgcttgaa gtggaccctg aaaaccctga atccagcgct gggatatgca 120
tctctgccta tcgcctggat ggctttaaat tagccacaaa aaatcacaag ccattttctt 180
tgcttcccct aaggcaggct gtccgcttaa atccagacaa tggatatatt aaggttctcc 240
ttgccctgaa gcttcaggat gaaggacagg aagctgaagg agaaaagtac attgaagaag 300
ctctagccaa catgtcctca cagacctatg tctttcgata tgcagccaag ttttaccgaa 360
gaaaaggctc tgtggataaa gctcttgagt tattaaaaaa ggccttgag gaaacaccca 420
cttctgtctt actgcatcac cagatagggg ctttgctaca aggcacaaat gattcaaata 480
aaggaggct acaaaagggg ca 502
```

<210> 2730

<211> 510

<212> DNA

<213> homo sapiens

<400> 2730

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cattttttct ctactacata gcactcatac aaatgatttc tctttcttac atgcatacac 60
acattctggt tcactaattg ttgaacacaa ctaatatatt gtcagattta ttattcaaga 120
attacatcat tacagtgaat tataatgttt ctgaaaacag taagcagaaa agatgattag 180
taaagttag cataaaatga aatgaaatgt gaaagtggct gatattctggg tgcctaagga 240
ccttgctca cagagttctc aaagtcagca gccagtctca gggcccgcgc atagtactcc 300
agggttcat tcatatttcc ttccaatttg tagacgaacc caaggaggct caagctttcc 360
agatctaata cctttctccg aagtttcctt aaaaccaatt tcttcaaaga attgatactt 420
ttatcccttg ttaatgatgc ctgttctatt tttatagctt ttaaataatg ggataattgc 480
attgacgtca gatttctttt ggaattcctg 510
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<210> 2731

<211> 323
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (72)..(102)
<223> n=unknown

<220>
<221> misc_feature
<222> (288)..(288)
<223> n=unknown

<400> 2731
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atgtggcctt ggcatttctt cttagaaaca tgggggttgtt tcttgaaatg aggcaaggac 180
tttggacaag aacatgtttg gacttgagat ggtttttgta aaccataatg atattagttc 240
tagtctgtct ttatcgctca ctgtattttg ttttcattca tactacangg ataatagact 300
tgattgtgtt ccatcattta tgt 323

<210> 2732
<211> 51
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (24)..(50)
<223> n=unknown

<400> 2732
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<210> 2733

<211> 568

<212> DNA

<213> homo sapiens

<400> 2733
gaacaatcaa agatggaaga cactctagag catacagata aagaggtgtc agtggaaact 60
gtatccattc tgtcaaagac tgaggggact caagaggctg accagtatgc tgatgagaaa 120
accaaagacg taccattttt cgaaggactt gaggggtcta tagacacagg cataacagtc 180
agtcgggaaa aggtcactga agttgccctt aaaggtgaag ggacagaaga agctgaatgt 240
aaaaaggatg atgctcttga actgcagagt cacgctaagt ctctccatc ccccgaggag 300
agagagatgg tagttcaagt cgaaaggag aaaacagaag cagagccaac ccatgtgaat 360
gaagagaagc ttgagcacga aacagctgtt accgtatctg aagaggtcag taagcagctc 420
ctccagacag tgaatgtgcc catcatagat gggggcaaag gaagtcagca gtttgaagg 480
aagccctcct ccctgcctag gtcaagaagg aggcagtatg cacccaaatt caagttcaga 540
gctctgaggg ctcatcact ctaacagc 568

<210> 2734

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (280)..(351)

<223> n=unknown

<400> 2734
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cacaaacaca atccagtatc tatcaaaata ccatttgtaa agaacctgac ttatttcatg 120
ccatgtgtga atgcagtcca gcatataaga gtagaatcaa aaacttacia caattctttt 180
cttcataaca tataaaacat attcactact ttgcctcagg attaagcaca cttatcggtc 240
caaacaacca taacaagtag gaaaaaggat gtaaagttaa tttgctacca gantataact 300
tctttctaac ctccactggg ttagaaagaa aaatttccca atgacaatag nacattctgt 360
atgtttcaaa atgcttttta gtttttagcac actccgtgta ataggaaagt gaccaatttc 420
agagtaccac taaatatg 438

<210> 2735

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (214)..(214)

<223> n=unknown

<220>

<221> misc_feature

<222> (401)..(401)

<223> n=unknown

<400> 2735

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ctgtatttga gtaggatcgt gatacagaaa atattatagt gacattgtat ttgtcctttt 180
tcttagatgt ggccgtcttg tatatcatct tggnttgcct ttttccttcc taactttccc 240
atatgtagaa gaagccatta agattgctta ctgtgaaaag aaatgtggaa actgctctct 300
cacgactctc aaagatgaag acttttgtaa acgtgtatct ttgggctact gtggataaaa 360
cagttgaaac tccatgcct cattaccatc atgagcatca ncacaatcat gggcatcagc 420
accttggcag cagtg 435

<210> 2736

<211> 375

<212> DNA

<213> homo sapiens

<400> 2736

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ccaattctgt actgcattct tgcttaatag tattaacccat aaaggaggctc aggttttatag      60
ggtttggttt acctattaaa ccatcattga ctatggaaat acttactaag caatatagag      120
acagacaata ttatctttcc ccttatatct ttttaagacag ccactcaagt tttagaagag      180
tatgatacaa cattagagaa agaaagatac aaaggcttta ttcattgtgtg atagtaaaaa      240
tcaggatgag tcttagatat acaaaagata aatggatatt taaaatagtt atatatgctt      300
tttagcaaaa atattcacgt gttaagtatt tctggatctt aaaatacaaa atccacttat      360
tttattagtt aaaag                                         375
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<210> 2737

<211> 500

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (463)..(463)

<223> n=unknown

<400> 2737

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cccttcaggc gagagcgagg ttgctggtgg ggcctctcac agctcgggac agcgcaactcc      120
ccagggccca gtgtcggcca ctgtggaggt cagcagcccc acaggctttg cccagtcaca      180
ggtgctggag gatgtgagcc aggtgcaag gcacataaaa ctcggccctt ctgaagtctg      240
gaggactgag cgaatgtcat atgaaggacc cactgcagaa gtggtggaga tggatgtgag      300
taacgtagag gcgatccgca gccggacaca ggaagcggga gctctcggtg tgtctgaccg      360
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tggttcctgg agagacgcgg acagtaggaa tgaccaggca gttggtgtga gctttaaggc	420
ctctgctggg gaaggagacc aggcccacag agaacagggc aangagcagg ccatgtttga	480
taagaaggtg cagtccagag	500

<210> 2738

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (380)..(380)

<223> n=unknown

<400> 2738

atgtgaaata tcacaacaga ctacagctgt cctcgccata aatactatat tgtttaaagt	60
tctgtacata gaaagcaatt cattcaagtc ttaagatgaa tttagctcta tatggcaagt	120
aattttttcc taaagatgaa atcatttagc aagaattttt ttaacataaa cagtctgcct	180
atttcccatt tctttttgaa aagacttttt agagtctaaa ttgtatttat ttttccccta	240
aaatgtagt ctgttatttc atattagcac atgcaagcaa aatttactct taaatatatt	300
actttaatct ggtaaatgtt ttgacatcta taattaattg tagtttcaaa cagatgcaag	360
ccatgtctgt gaccaggtgn aaaa	384

<210> 2739

<211> 470

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (398)..(442)

<223> n=unknown

<400> 2739
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 agcggccctc aggtatccct gagcgattct ccggtccag cgcagggacg acagtcacct 180
 tgaccatcag cggggcccag gttgaggatg aggctgacta tttctgttac tgtgcggctg 240
 acgacaaaag agtggttcggc gggggggacca ggttgaccgt cctaggtcag cccaaggctg 300
 cccctcgggt cactctgttc ccggcctcct ctgaggagct tcaagccaac aaggccacac 360
 tgggtgtgtct cataagtac ttctacccgg gagccgtnac agtggctgga aggcagatag 420
 cagccccgtc aaggcgggag tngagaccac cacaccctc caaacaagc 470

<210> 2740

<211> 558

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (515)..(553)

<223> n=unknown

<400> 2740
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 ctccacggtg ctcccttcac gcgtgacctg gcagctgtag cttttgtggg acttccactg 180
 ctcaggcgtc aggtcaggt agctgctggc cgcgtacttg ttgttgcttt gtttgagggg 240
 tgtggtggtc tccactcccg ccttgacggg gctgctatct gccttccagg ccactgtcac 300
 ggctcccggg tagaagtcac ttatgagaca caccagtgtg gccttggttg cttgaagctc 360
 ctcagaggag ggcgggaaca gagtgaccga gggggcagcc ttgggctgac ctaggacggt 420
 caacctggtc cccccgccga acactctttt gtcgtcagcc gcacagtaac agaaatagtc 480
 agcctcatcc tcaacctggg ccggtgatgg tcaangtgac tgctgctctg cgctggaacc 540
 ggagaatcct cangggat 558

<210> 2741

<211> 388

<212> DNA

<213> homo sapiens

<400> 2741

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ctgcaaatat gtgccaaatt ctggccaaga agatgcagac agagatggca ttggcgacgc      60
ttgtgacgag gatgctgacg gagatgggat cctgaatgag caggataact gtgtcctgat      120
tcataatgtg gaccaaagga acagcgataa agatatcttt ggggatgcct gtgataactg      180
cctgagtgtc ttaaataacg accagaaaga caccgatggg gatggaagag gagatgcctg      240
tgatgatgac atggatggag atggaataaa aaacattctg gacaactgcc caaaatttcc      300
caatcgtgac caacgggaca aggatgggtga tgggtgtggg gatgctgtga cagttgtcct      360
gatgtcagca aacctaacca gtctgatg      388
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<210> 2742

<211> 591

<212> DNA

<213> homo sapiens

<400> 2742

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aaacgttttg atatatttgg gttggtaaaa gctaaagaaa attgaagtta aaatatatat      60
ggtttttagtg ttccgaaaag cagttacaga ttgcttcctt ggtttaatta tcgaagcggg      120
cgaaattctg ggtttgaaac tcttggaagt cctcagggat ggtgtcattg cagcgatact      180
tgaggttggg ccagatgatg ttttcttgag agaagcagaa aacgccaagt cggcctccac      240
gcattgtggg gtctatggg acgccagagt cagccaccaa ctcagagcct tcataaaatc      300
gtaccctgat gtagcccacc tggggcctgt gctgtaggaa ccagcggtag gacaccttgt      360
ccttccagcc cacattcctg gagtccttcc acagcagcct gacctgggtca ctgggtgtccc      420
ccgtgtgcca caggaggttc cggagatgct ccctggacc tgtcttagac ttcacagcct      480
tgagctgaat gccaggttct gcaactgtcg gaatgggggtg gcttgccaat atgtctgctc      540
cgtctgcttc cacatgacca cgtagaagct ggagcatttg gtagccaaag a      591
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<210> 2743

<211> 214

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (174)..(174)

<223> n=unknown

<400> 2743

gcgggcctgt ccaggggctc cccgccccac cccacgcctt agctgcaggc ccttttgggc 60

aaaggggccc atcctagacc tggggccatcc attccatttt gttccacatt tcctttctac 120

tctttctgcc aagagcctgc ccctgcattt gtcttgggaa acacggtatt taanagagaa 180

ctatatgggt attaaagctg gtttgtttta aaaa 214

<210> 2744

<211> 169

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (152)..(152)

<223> n=unknown

<400> 2744

aataccgtgt ttcccaggac aaatgcaggg gcaggctctt ggcagaaaga gtagaaagga 60

aatgtggaac aaaatggaat ggatggccca ggtctaggat gggccccttt gcccaaaagg 120

gcctgcagct aaggcgtggg gtggggcggg gngcccctgg acaggcccg 169

<210> 2745

<211> 315

<212> DNA

<213> homo sapiens

<400> 2745

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ttatttgatc taattgttta tagattcttg tgaactttta ccttgacaat tatgttattt 60
tcaaagataa tcattctttc ctattgaatc cttgctcttc tgactgctg ttcctatctc 120
atggtattgg ccaaaccctg tgatgccgtg ttgaatagga gtactttctc accacacttg 180
tcttccttcc gcctctatgg gaatccttcc aaaacggcac cattaagtgt tatactcgct 240
gtagctcctc cttatgaagt tctcttctca ttgtagtctg ttaagtgttt atgattaaag 300
agtgttatat tttgt 315
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<210> 2746

<211> 255

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (153)..(255)

<223> n=unknown

<400> 2746

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ggattcccat agaggcggaa ggaagacaag tgtggtgaga aagtactcct attcaacacg 120
gcatcacagg gtttggccaa taccatgaga tangancngg cagtcagtan anctannntt 180
caacangcga anaggtnnnc ccctnaatat cantnatnnn tnatnntttc tcccnentcg 240
gcnaantcn ncatn 255
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<210> 2747

<211> 129

<212> DNA

<213> homo sapiens

<400> 2747
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 gaggcgatct accatgggat ccctatggtg ggcattccct tgtttgcgga tcaacatgat 120
 aacattgct 129

<210> 2748

<211> 453

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (110)..(110)

<223> n=unknown

<220>

<221> misc_feature

<222> (243)..(338)

<223> n=unknown

<220>

<221> misc_feature

<222> (447)..(447)

<223> n=unknown

<400> 2748
 aaaatcattg acatagaata attccaacta aagtacatat taaattcctg gaaaataaat 60
 tttgacttaa cagggttaagt tgtgaaaaga cgttttgtcg caggaaaaan gaaatcctcc 120
 atttaaaacc ctccatgctg gaataaagga ggagtcccat cttttggtca ttccacttca 180
 ggcttttgat ataactaatc ccttttcttc ttctttcctg ttttggaag ctttcggaaa 240
 canaacaggc aacattttgt gatcataaat atcatagttg ccacgcaggc cagcaggant 300

gctatcacat ccaaagagtg gtactggatc caggtgangt tgtgggctgc gacccgaagt 360
gcttggctcc tttatggccg catgacaaac tcaatccaga agactgctcg atcccagggg 420
cttcaccggt tgatcctgat gaattcntga taa 453

<210> 2749

<211> 537

<212> DNA

<213> homo sapiens

<400> 2749

agttcttgtg gccccgcgg tgcggagtat ggggcgtgat ggccatggag ggctactggc 60
gcttcttggc gctgctgggg tcggcactgc tcgtcggctt cctgtcgggtg atcttgcgcc 120
tcgtctgggt cctccactac cgagaggggc ttggctggga tgggagcgca ctagagttaa 180
actggcacc agtgctcatg gtcaccggct tcgtcttcat ccagggcatc gccatcatcg 240
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ggttaaatgc agttgctgcc attcttgcaa ttatctctgt ggtggccgtg tttgagaacc 360
acaatgttaa caatattagc caatatgtac agtctgcaca gctgggttgg actgatagct 420
gtcatatgct atttgttaca gcttctttca ggtttttcag tctttctgct tccatggggc 480
ttccgcttcc tctccgagc atttctcaat gccatacat gtttattctg gaattgt 537

<210> 2750

<211> 578

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (231)..(231)

<223> n=unknown

<220>

<221> misc_feature

<222> (345)..(391)

<223> n=unknown

<220>

<221> misc_feature

<222> (542)..(542)

<223> n=unknown

<400> 2750

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agtaaattatt gatactacat agcccaatta tcatatggct aataggagaa gcaaaactgt 120
agagctagtt ttgaaacgtg acgttatatg gctctatctc tacaacattt tacatggtag 180
atctctgccc agcctcatcc agagtaagtt tcttttccct gctgctactt nattgtttaa 240
ctctgaatct gatttgtcca tgttggtgcc agagtagggc tggcatggaa cctcttctc 300
cctgttcagt gcctccattt ggatgaagaa tggtagaatt tggcncctta ggacgtttcc 360
aatgcgggct ngtgactatc ccaaaaatga ngggccccga acaccagga tcagaaggcc 420
aagcgggtatt ttacgaaaac accttctggc gggatgtact gtatgcagga tctctcaggg 480
aaaaaatcag tttctctggt caaatcccat aagtgtgtt gcaatcactg ttccaaagat 540
gncaatttcc agaataaaca tgtatgggct gagaaatg 578
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<210> 2751

<211> 416

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(356)

<223> n=unknown

<400> 2751

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gtctgattgg catgtggaga gagaaacgct ccagaggaca agtgctgttt gataaagtgt	120
gtgaacactt gaacttgcta gagaaagact actttgggct tacgtatcga gatgctgaaa	180
accagaagaa ttggttggac cctgctaagg aaataaaaaa acaggttcga agtggtgctt	240
ggcacttttc atttaatgtg aaattttata caccagaccc tgcccaacta tctgaagata	300
tcaccaggac tcagaagggg tagaaattat gttaggagtt tgtgcaagtg gtctnntgat	360
atatcgcgac cggctgcgaa taaacagatt tgccctggccc aaggttctaa agattt	416

<210> 2752

<211> 343

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (230)..(230)

<223> n=unknown

<400> 2752

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gctctgaact agaatgtaaa tatggaccag atttgaaaat aaaacacttt cttttcaagt	180
aaaagaagaa aaatcaatta aaaaatacac ggcacggaaa aagttctagn gaaaacaaag	240
ccacaggaag cccagcagtt tctoctgaag tgaaatttca taatattgta aactaacaaa	300
aatacaggtt ttcttcccaa aataatgaca atttaagctc tct	343

<210> 2753

<211> 389

<212> DNA

<213> homo sapiens

<400> 2753

aagattctac tggacaggat atattgttcg ttttccctaa agataagctg gtggaagaag	60
gcaccaatgt taccatttgt tacgtttcta ggaacattca aaataatgta tcctgttatt	120

tggaagggaa acagattcat ggagaacaac ttgatccaca tgtaactgca ttcaacttga	180
atagtgtgcc tttcattagg aataaagggg caaatatcta ttgtgaggca agtcaaggaa	240
atgtcagtga aggcattgaaa ggcatcggtc tttttgtctc aagtaagtgt gcaaattctc	300
tgtgggcctt tcttctcatt tcttgaggaa tagattaaat ctcctttact agaagacaaa	360
taaacatttc taccatgat ctgaatttt	389

<210> 2754

<211> 548

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (247)..(247)

<223> n=unknown

<220>

<221> misc_feature

<222> (379)..(546)

<223> n=unknown

<400> 2754

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cagtaatgat ggggattaat acagagctag tgtttgcat ttgactttat ctcaaagag	120
ctaactgctc aatgaattac agaagactca tactcttttt attttttctt ggaaattaaa	180
aaagaaaagc ttacttaaatt attgacatat atatttactc caaattttac atttagtgaa	240
ataagantat ctctagtagc tcagttaaca tcaacagaaa gcttcaaaag atgattctga	300
aaatggcagg caaaatttct ttttattgta ggcaattact taaactggaa atttggcttt	360
atgcataata agtcatgtng gtaaaacatc cacattgcag ttaggtttcc agtatctagc	420
ttttatttat tttttagcaa tgacattaac aagatttttg ccagggttat nanaatgagg	480
gctttcttga gaattactta tagtttccga gttgaatggc agancgcacg tagacacatc	540

<210> 2755

<211> 498

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (449)..(449)

<223> n=unknown

<400> 2755

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tccatgcagt tgggtgcaga gtctgagctc ttaatcacct tgaccattac attaccttgc      60
tttttatttc ctttggggaa atgtttccta aaaaatgtaa cgccctctg tgctgctatg      120
tgggaatcag aagtctcagt gcctgatcag acctccttgt ccaggaacag acccttgggg      180
ctgacccttc cttgggacct aatgcccttc tttctgcact atccaggtac cggggagacc      240
aggatgccac tatgtctata ttggacatat ccatgatgac tggctttgct ccagacacag      300
atgacctgaa gcagctggcc aatggtgttg acagatacat ctccaagtat gagctggaca      360
aagccttctc cgataggaac accctcatca tctacctgga caaggtctca cactctgagg      420
atgactgtct agctttcaaa gttcaccant actttaatgt agagcttata cagcctggag      480
cagtcaagggt ctacgcct                                     498

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<210> 2756

<211> 528

<212> DNA

<213> homo sapiens

<400> 2756

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tcagttgggg cacccaaaga caaccatgct ctcggtgaag gcgccgaggt cctggcattg      60
tttctgggttc tcttcgtctt ggcattcgtc ctctcgggc cagtgtctca cccaagtgtc      120
cttcccgatg atgtagctga ggttgggctt ctctcccag aaatcggagg agagacccca      180
catgaggtag tgttttcttct cctccagctt cagggcttct ctgcacttga tggggctgat      240

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gaacgtg	gcgc	tgctgtccaa	cctgcacctc	atccgagcct	gacttgatgg	tctgctcaat	300
ggccatgatg	tactcgtcaa	agtcattgga	cagctgaacc	ttgaccagtc	gggtcttgta		360
cacatagtcc	actcctgggt	cacaggcctt	gtccagccgt	tcttccaggg	tgaccttgtc		420
atccgacttt	tgtatgaagc	aattctcctc	agcacagcgg	cacagttcat	cacggcagag		480
cttgttcagc	tttccatcct	cctttttcgg	atggtagaac	cgggtaca			528

<210> 2757

<211> 416

<212> DNA

<213> homo sapiens

<400> 2757

caccactga	actccgcagc	tagcatccaa	atcagccctt	gagatttgag	gccttggaga	60
ctcaggagtt	ttgagagcaa	aatgacaaca	cccagaaatt	cagtaaattg	gactttcccg	120
gcagagccaa	tgaaaggccc	tattgctatg	caatctggtc	caaaaccact	cttcaggagg	180
atgtcttcac	tggtgggccc	cacgcaaagc	ttcttcatga	gggaatctaa	gactttgggg	240
gctgtccaga	ttatgaatgg	gctcttccac	attgccctgg	ggggtcttct	gatgatccca	300
gcagggatct	atgcacccat	ctgtgtgact	gtgtggtacc	ctctctgggg	aggcattatg	360
tatattat	tttccggtac	actcggcagca	acggagaaaa	actccaggaa	gtgttt	416

<210> 2758

<211> 559

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (557) .. (557)

<223> n=unknown

<400> 2758

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------------	------------	------------	------------	----------	----	-------------	----

gtcttccact agtgggctgct aaaaatgtag aaatatcata gggagtgcaa attacattgt	120
ctctttacct gccacaatct ggcagcactc atcatgtagc aaatgccaa ataatagact	180
acagattata gtgacttcac cctagggttaa cattatttct aggtaaggta ctagtatatc	240
tgaattgaaa agtggggcag ctgttgactc agattcggca ttttaattac attgtttcca	300
agtatgatat tctgagagtg tctatagcac ttagtgtctg cttcatataa actaccagtt	360
attatatatt tatgatgcaa gtagttttcc aaatgtggtg aaagtctgag tctttttatc	420
cccatgggta aaatctgaat ctggctctct gtgtctctca gtgcttggtt attgctggtc	480
agagagtaaa ttcttgataa aagctgttga cttgggctct cacagtttat gcagacattg	540
gagagccatt tgggtantt	559

<210> 2759

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (240)..(242)

<223> n=unknown

<220>

<221> misc_feature

<222> (452)..(467)

<223> n=unknown

<400> 2759

cacaattgct ctacaactca gaacagcaac tgctaaggct gccttgggaa gaggatgac	60
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ggtgaagaca ttgtggctga ccacgtgcc tcttatggtg taaacttgta ccagtcttac	180
ggtccctctg gccagtacac ccatgaattt gatggagatg agcagttcta cgtggacctn	240
nngaggaagg agactgtctg gtgtttgcct gttctcagac aatttagatt tgacccgcaa	300
tttgactga caaacatcgc tgtcctaaaa cataacttga acagtctgat taaacgctcc	360

aactctaccg ctgctaccaa tgaggttctt gaggtcacag tgttttccaa gtctcccgtg 420
 aacttggtgc agcccaacat cctcatctgt cntgtgggac aacatcnttt cctcctgtgg 480
 tcaaacatca acattggctg agcaatgggg cactc 515

<210> 2760

<211> 473

<212> DNA

<213> homo sapiens

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<221> misc_feature

<222> (18) .. (300)

<223> n=unknown

<220>

<221> misc_feature

<222> (409) .. (426)

<223> n=unknown

<400> 2760

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 tnannggttg gtggcaatgc caagggtggg aacacaanga anaaaganat attaacgtca 120
 gctaagaaat caacatgtta tcaggctata ctgtagttgg ttgcttctgt gttactggac 180
 atgacaaatg atctggtaaa tnatgttaaa ttggcttgaa acaaganagt ctcccaattg 240
 ttagccacgg tttcagtcag ccctggatga aagatggaaa aatttgacat atatctcatn 300
 aagggaattt gttgcttcca tggagattat agatggaggt tactgaggaa ttaggtagct 360
 ggggtggctta ctccaggcat cccttagtag gtaacacttg agaaaagana aaaatcagga 420
 agtcanggaa ataattcaaa ggcatttggtg agcctgagca gatatagcaa ttt 473

<210> 2761

<211> 324

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(273)

<223> n=unknown

<400> 2761

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gagagaagga agtggctaaa acattgcaca gnngaagtcg gcctnantgg tgcggcgctc     120
gggaccacc agcaatgctg ctcttcgtgc tcanctgcct gctggcggtc tteccagcca     180
tctccacgaa gagtcccata tttgggtccn aggaggtgaa taatgtggaa ggtaactcag     240
tgtccatcac gtgctactac ccacccacct cnttcaaccg gcacaccggg aagtactggt     300
gccggcaggg agctagaggt ggct                                           324
```

<210> 2762

<211> 362

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (284)..(327)

<223> n=unknown

<400> 2762

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ttctgatttg ttagcaaattg ccagcttgta ggctggttga agtacagaac tcagaggaaa      60
aaagaaatta aatttttagct ttctggagag cagccccctc ctggcaccat caaacacttc     120
tttgtttccc ttcaacttgg aactcttcaa acatcagggg ttgtgagggg ttggccattc     180
ttttatcttg ggtccatgtg agtgacagaa atggtgcggc ctgggaaaga tctccctcct     240
ttacattttc tcttctccct cctcctcctt attctaaaac tgtncctcca acagangggc     300
```

aggttttctt gtagagagat ccctgggncca ggacaggaga tgccaaatct aatttatctc 360
ac 362

<210> 2763

<211> 555

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature\

<222> (546)..(546)

<223> n=unknown

<400> 2763

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catctgcaca ggcaacggcc gaggagagtg gaagtgtgag aggcacacct ctgtgcagac 180
cacatcgagc ggatctggcc ccttcaccga tgttcgtgca gctgtttacc aaccgcagcc 240
tcacccccag cctcctccct atggccactg tgtcacagac agtgggtgtgg tctactctgt 300
ggggatgcag tggctgaaga cacaaggaaa taagcaaattg ctttgcacgt gcctgggcaa 360
cggagtcagc tgccaagaga cagctgtaac ccagacttac ggtggcaact caaatggaga 420
gcatgtgtct taccattcac ctacaatggc aggacgttct actcctgcac acagaagggc 480
gacaggacgg acatctttgt gcagacaact tcgaatttga gaggacagaa tactcttctg 540
acagancaca ctgtt 555

<210> 2764

<211> 453

<212> DNA

<213> homo sapiens

<400> 2764

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gtcaccatct cctgcaaagc cagccaagac attgatgatg atttgaattg ggtaccaaca 120

gaaaccagga gaggtgctc ttttcattat tcaagattct actactctcg ttcctggaat 180
 tcacctcgat tcagtggcag cgggtatgga acagatttta ccctcacaat taataacata 240
 gaatctgacg atgctgcata ttacttctgt ctacaacatg ataatttccc tctgacgttc 300
 ggccaaggga ccaaggtgga aatcaaacga actgtggctg caccatctgt cttcatcttc 360
 cgccatctga tgagcagttg aaatctggaa ctgctctgtt gtgtgctgct gaataacttc 420
 tatccagaga ggcaaagtac agtggaaggt gga 453

<210> 2765

<211> 430

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (359)..(384)

<223> n=unknown

<400> 2765

aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60
 aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
 cactctcccc tgttgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
 caggcgtaga ctttgtgttt ctcgtagtct gctttgctca gcgtcagggt gctgctgagg 240
 ctgtaggtgc tgtccttgcg gtccctgctc gtgacactct cctgggagtt acccgattgg 300
 agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcang 360
 cacacaacag aggcagttcc aganttcaac tgctcatcag atggcgggaa gatgaaagac 420
 agatggtgca 430

<210> 2766

<211> 68

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (35)..(60)

<223> n=unknown

<400> 2766

tgccactctg tcccgactgg aatagagcgc aagantnant ctctgatgga tganattnan 60

ttcctcaa 68

<210> 2767

<211> 211

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (119)..(207)

<223> n=unknown

<400> 2767

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cttatcgga catgaaaagg gaagcacata ggccacatca agtgtcaggg caggagang 120

cccagcgact gctggccggg tagggcttgg ccataagcca ggaaaaggat gccnggtacc 180

accttttaga cacatgcaga aggagangag a 211

<210> 2768

<211> 531

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (405)..(494)

<223> n=unknown

<400> 2768

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gaactctcca tccgactag ttattgagca tctgcctctc atatcaccag tggccatctg      60
aggtgtttcc ctggctctga aggggtaggc acgatggcca ggtgcttcag cctgggtgtg      120
cttctcactt ccatctggac cacgaggctc ctggtccaag gctctttgcg tgcagaagat      180
acttggaacta actcgtgcat tccagaaatt atcaccacca aagatcccat attcaacact      240
caaactgcaa cacaacaac agaatttatt gtcagtgaca gtacctactc ggtggcatcc      300
ccttactcta caatacctgc ccctactact actcctcctg ctccagcttc cacttctatt      360
ccacggagaa aaaaattgat ttgtgtcaca gaagttttta tgganactag caccatgtct      420
acagaaactg aaccatttgt tgaaaataaa gcagcattca agaatgaant gtgggttgga      480
ggtgtcccca cggntctgct agtgcttgc tctctcttcc ttggtgtgca g      531
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<210> 2769

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (37)..(54)

<223> n=unknown

<220>

<221> misc_feature

<222> (157)..(456)

<223> n=unknown

<400> 2769

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atgggttcca gaggtattcc tctcttaa at gcaagtnct agattaggta gacnttgctt      60
```

agtattgaca actgcacatg aaagttttgc aaagggaaac aggctaaatg caccaagaaa 120
 gcttcttcag agtgaagaat cttaatgctt gtaattnaaa catttgnncc tggagttttg 180
 atttggtgga nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nagaaccaac actncagttt nctgggaaag gagnaacttt 420
 gnctcaagac ttatagccat cggetccngc ctgagntttc 460

<210> 2770

<211> 538

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (134) .. (455)

<223> n=unknown

<400> 2770

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 aaattaattc acacaattgt tgggggttggc aaacttcaaa tccatagggc agactagcag 120
 gctggaaact cagnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tccaccaaact caaaactcca ggaacaaatg 420
 tttaaattac aagcattaag attcttcact ctgangaagc tttcttgggtg catttagctg 480
 tttccctttg caaaactttc atgtgcagtt gtcaatacta aagcaaagtc tacctaata 538

<210> 2771

<211> 274

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (249)..(267)

<223> n=unknown

<400> 2771

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ccaggccccc ggacaaaggc ttgagtggat gggatggatc aacgctggca atggtaaaac      60
aaaatattca cagaacttcc agggcagaat caccattacc agggacacat ccgcgagcac      120
agcctacatg gagttgagca gcctgagatc tgaagacacg gctgtgtatt actgtgcgag      180
agtctgggct ggggaattta ctagctttga ctactggggc cagggaaacc tggtcaccgt      240
ctcctcagna tccccgacna gccccanggt cttc                                     274
```

<210> 2772

<211> 308

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (5)..(289)

<223> n=unknown

<400> 2772

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ggcgn gcggc tcagtagcag gtnccgtcca cctccgccat gacancagac acattgacat      60
gggtggggtt anccgccaag cggatcgatg gtcttctgtg tgaaggncag cggcagggcc      120
tcgtggccca ccatgnagga gaagggtgtc cccttcttcc agtcctcgnn tgccacgngc      180
agtatgctgg tcacagcgan ggtggtggtg ccctngctgg nctcctgccg ggatgcccaa      240
gtcaggtaact tctcgcgggg cngctcctgn gaccctgca gnnagcganc cagcacatcc      300
ttggggct                                     308
```

<210> 2773

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (316)..(370)

<223> n=unknown

<400> 2773

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ggctctgttc ctctcccggc atttcctccc tgaagcctcc aggtttctca tttggtttct      60
gcctgcgttc tttcttttcc tccacacatc aactggcat gcagcatgtt gtggcgtgtg      120
agcatggggg ggccgtgggt ctctgtccct gactaagccg ccccttgctc cttctcagat      180
tatgtttgag accttcaaca ccccggccat gtacgtggcc atccaggccg tgctgtccct      240
ctacgcctct gggcgcacca ctggcattgt catggactct ggagacgggg tcacccacac      300
ggtgcccata tacganggta cgctcccnc acgccatcct gcgtctggac ctggctggcc      360
gggacctgan cgatacctca tg                                          382
```

<210> 2774

<211> 161

<212> DNA

<213> homo sapiens

<400> 2774

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gctggggcct aatgtttctca cataacagta gaaaaccaa atttgttgct atctcttcaa      60
agaatcgaga attgcgtaca aaaaaacctt acataaatta agaatgaata catttacagg      120
cgtaaatagca aaccgcttcc aactcaaagc aagtaacagc c                                          161
```

<210> 2775

<211> 366

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (244)..(365)

<223> n=unknown

<400> 2775

ccagaggaga gtacaggtcg tgctgcagtt agttcattga aaactcattt gctcttggag	60
cagtcaggca gtgactgcct tcggcttttt ttctgctgac taagatctcc tatagagagc	120
tacaacaatg cccaaaagaa aggctgcagg tcaaggatgat atgaggcagg agccaaagag	180
aagatctgcc aggttgctctg ctatgcttgt gccagttaca ccagaggtga agcctaaaag	240
aacntcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa acatagatac	300
aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gtttnagaag actacaatga	360
aaatnc	366

<210> 2776

<211> 125

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (59)..(115)

<223> n=unknown

<400> 2776

tcttcttttc catcttctct ctctttttca tcttctttga cttttacatc tttccctnn	60
tttttatctn ccttnncttt tccatctca ttctnntgnc catctcnngt nncnnttctg	120
tcctc	125

<210> 2777

<211> 144

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (28)..(140)

<223> n=unknown

<400> 2777

catgctgatac aagaaagtag aaactccncc nngccttcan gtttgagtc gcagaaacat 60

tgcctgctgt ggncntntcan cacaaaactg ggacantggn gncatttaga ctgtcagcag 120

tgcacntgan tgtangatan actc 144

<210> 2778

<211> 366

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(16)

<223> n=unknown

<220>

<221> misc_feature

<222> (272)..(330)

<223> n=unknown

<400> 2778

tnttttacaa aaatangcca ccgtctggta caaacaacta taaaaaatca gttcatcatg 60

caagaaaagt gtgcaaataa tttatacaga aggactcagc tcacacaata ttaaataaac 120

atctctgcat gtaattgggc taactttatg ctttagttac aatgttcaac cccctcta	180
acttttcatt taaaaaagta cattaagct tctaagctta ggacacaggc tgtaatatac	240
gccacttta gccatgggtga ttggcacttg gnagaataaa gatggcacca aggnnttccca	300
agtatagaat acacntgga gccttctgcn taacagactt gtgcttcggt aaattaaaca	360
aacaca	366

<210> 2779

<211> 400

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (67)..(86)

<223> n=unknown

<220>

<221> misc_feature

<222> (217)..(371)

<223> n=unknown

<400> 2779

cgtttctgag ccaggggtga ccatgacctg ctgcgaagga tggacatcct gcaatggatt	60
cagcctnctg gntctactgc tgttangagt agttctcaat gcgatacctc taattgtcag	120
cttagttgag gaagaccaat tttctcaaaa ccccatctct tgctttgagt ggtgggtccc	180
aggaattata ggagcaggtc tgatggccat tccagcnaca acaatgtcct tnncagcaag	240
aaaaagagcg tntgcaaca acagaactgg aatgtttctt tcatcacttt tcagtgtgat	300
cacagtcatt ggtgctctgt attgcatgct gatatccatc caggctctct taaaangncc	360
tctcatgtgt nattctccaa gcaacagtaa tgccaattgt	400

<210> 2780

<211> 487

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (401)..(427)

<223> n=unknown

<400> 2780

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cacatttttt tatagagggt gttgagatat ctaggtgggt ggtttgggtt gaagctcagg      120
ggaaggctctg aaatggacag ctttgggagt tgctggcatg aatgagaatc aaagtcctag      180
agaggtaagc cttcccagag agtatgtaat tatcagtttt tcaggaatca aaacctttgc      240
cccatcccac ctccagctca atgaccattg ccccttctc aaagggacga tcatggcttc      300
tcccccttgc actgggcctg ccgagagggc cgctctgctg tggttgagat gttgatcatg      360
cggggggcac ggatcaatgt aatgaaccgt ggggatgaca nccccctgca tctggcagcc      420
agtcatngac accgtgatat tgtacagacg gtacgtacca aactccttcg tcatccacat      480
cacatac                                         487
```

<210> 2781

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (329)..(500)

<223> n=unknown

<400> 2781

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gggccacagt ggtagggatg ggggaagggg atggaccca tggctggggg agtaccatga      120
```

ctggaggcgg gggaggcaac cagaggcctg ctgctttggg gaggtgcatt cccccaacca 180
 tgtcccgaca cctctggagt tcaggcaagg accttcagc cctacttgtc ctgcattctc 240
 tcaaggatag gcacaatcat gtcaaatttg ggtcgctttg cagggctctc attcatgcag 300
 atcttcatga gcttacacac atgaggggna atacctngtg ggatggtagg ccgaantttc 360
 caatgccacc ttcattccaa tctccatatt ggagaggtca gcaaagggna cctcccgtgt 420
 caccagttcc cacagaagca ctgcaaaact ccacatgnct gctgancgtc tgtttgtgnc 480
 ttcaggnttc ttcttcagan cttcgggg 508

<210> 2782

<211> 114

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (58)..(60)

<223> n=unknown

<400> 2782

ttctccatat atatgaccag aatgtaatgt ctctgggccc aaataacttc tgattatnnc 60

tgataatcta catatattat cctgtgttaa ggaaaaggct tagtttactt taaa 114

<210> 2783

<211> 186

<212> DNA

<213> homo sapiens

<400> 2783

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ggtgaaaatg gacagttaac tttgattttt atgaaaacag ttgtgacttc atctacactc 120

ctccctcaaa gggctcttagg acctcagtgg tccatggaga ccatgctttg agactgctgg 180

tttaga 186

<210> 2784
 <211> 492
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (137)..(137)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (351)..(408)
 <223> n=unknown

<400> 2784
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 cctccctcac atgccagag ccttctgctg acatggactg gacagccccg ctgggagacc 120
 tttgggacgt ggggtgnaat ttggggatc tgtgccttgc cctccctgag aggggcctca 180
 gtgtcctctg aagccatccc cagtgagcct cgactctgtc cctgctgaaa atagctgggc 240
 cagtgtctct gtagccctga cataaggaac agaacacaac aaaacacagc aaacctgtg 300
 cccaaactgc tccccaaaga attttgagtc tctaactga cactgaatga ngggagaagg 360
 gaaggagatt ctgggattgc cagttcttcc agcagccatg ctctgaanat caaggtagaa 420
 tccatggaaa aggaccccag gaccccggga ccctagacgt atcttgaact gccatcgta 480
 tttcaaatac at 492

<210> 2785
 <211> 440
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(16)

<223> n=unknown

<400> 2785

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cctacactgg ttgcangggg agggagcctg ccagctgcga ggacctctgt ggtggaggag      60
ttggtgctga tgggtggtgt agtgaccgct atgggtccct gaggcctggc tggccagcaa     120
gagggcaggg ttggctagag gaggaagacg gcgaggacgt gcgaggggtg ctgaagaggc     180
gcgtggagac gaggcagcac actgaggagg cgatccgcca gcaggaggtg gagcagctgg     240
acttccgaga cctcctgggg aagaagggtg gtacaaagac cctatcggaa gacgacctga     300
aggagatccc agccgagcag atggatttcc gtgccaacct gcagcggcaa gtgaagccaa     360
agactgtgtc tgaggaagag aggaagggtg acagcccca gcaggttcga ttttcgctct     420
gtcctggcca agaaagggga                                         440
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<210> 2786

<211> 520

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (338)..(338)

<223> n=unknown

<220>

<221> misc_feature

<222> (495)..(516)

<223> n=unknown

<400> 2786

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```

tttccacaat gagctctgct gtgcagggtg cttctccaag actgttgaca gccttgacagg	120
tgtacttggc atcgatcatcc ccgcaaacat cactaataat taaagagcag ttcccgtcct	180
catcgtagtc tatctggaag tggcgggact ccctgattga ctggatcatct ttgaaccaga	240
caacctcggg gtctgggtat ccttcaatct tgcagtcaaa tctagcagca cttccctcca	300
caacttctaa atcgcgaaatg gtcttagaga aatagggnntt tacatgaggc ttttctcag	360
caacagcctc aaggaaagct tgggacacat cttcttcaga ttctagtttt tctgcattga	420
gcgggctggg tggtgacctt gttgaggatt tcctgccact gagccctgag atcattgcc	480
tagaggacag tcttncaatg gctctcacag cnttgnccgt	520

<210> 2787

<211> 485

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (275) .. (321)

<223> n=unknown

<400> 2787

cattatctca tgtgaacttc agggcaacct cgtgagatag tgacagtaca ctaaccttat	60
agtaacattt tatttgatat tatttagaag tttttaagtt accactgatg ctctaagtcg	120
gtctatatct ggggaatttc cttttagct tatattctca gccagtgtca ggcaatgtat	180
tcctttaagt gtctcaggcc ttcctcctga gtccttggtg gctgagagtc ctggatctgg	240
aggcatacct cttgagatta gatttcaagt gtgannnnnn nnnnnnnnnn nnnnnnnnnn	300
nnnnnnnnnn nnnnnnnnnn ntaagatgaa gatgatgaga atggccaagt aatagcctcc	360
acctcaaagg gttgttgacg ggttaaatta gttggtccat atacagctct tgaaatggga	420
ccaggcacca cgtggacctg ctcagtgagc gtttgccatt tttattgctg tggagatgag	480
tgttg	485

<210> 2788

<211> 364

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (326)..(348)

<223> n=unknown

<400> 2788

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acaagtgatt tacaatgaag tgtgatgagt gttgtcacag gacacactag atacattagg      60
agcacatagc aaagtaacat aattatgtgg ggcagagaga tgacaagggg cacacatggg      120
gctggaggcc ttagtccttg gaggtcctat ccaaagcaag gctgataaaa aagctgcccc      180
aaactgcatt gaacatggga aagttaaggc ctgcatggag gaggtgctgc tgtggtctgg      240
ccaatgccag caggcaggtc acttccttgg cctttgggaa aggatggcga tgatggagaa      300
ggccaagaag atcacgccag ccatgnctcc gatcaccatg cccanganac tgccgtgcac      360
ctgc                                                                    364
```

<210> 2789

<211> 250

<212> DNA

<213> homo sapiens

<400> 2789

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gtctgaccca aacactagaa ccaattgtct aacaaatcta gctagcacag tgggtggaact      60
tggcttcccc atattaaaaa aaagaaacat ttaacaccag ctctttgggc tcaaggaagg      120
taaatcacca,gctgtggata ggccaccagt ggtgactggg gtaacagctg aatataccag      180
gccaacacac atagtccttt ggaataaatg tgaagaaaga tattgctaca acacactgta      240
ccattacttt                                                                    250
```

<210> 2790

<211> 476

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (292) .. (335)

<223> n=unknown

<220>

<221> misc_feature

<222> (467) .. (467)

<223> n=unknown

<400> 2790

gacctgtata aattatgaga ttcaaaacag tggcgccact atactgctaa acctatgcat	60
gaaggtagtg actaggatgg aaatctgtca gtgctacaaa aatatgtatg aacaaaataa	120
ttttcacct ttgataaagc tacaagatat aaaatttaga atacttatat aatttcatac	180
tagatatgtg aaaaatatgc catgctagaa ccatcttggt ccaaagtttg aaacatattc	240
tgtcaaaaat actcttcgta caatgtatga acttatcaat aactttctgg gnataaagtt	300
gtttttatgt catagtcaga tgaagatcct tctgnattat atgttgatta gaattttggt	360
tcaactggca cctggaagaa gacagaaagt tcttgtttta aaatactcgt caagttctgt	420
tacaataatc acatcttagg ggctagaatt taccagaggt aacaggnttt tttttt	476

<210> 2791

<211> 454

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (172) .. (287)

<223> n=unknown

<400> 2791
agcaagaggg taaggatgat cattcatctc tatccccagg gacgagtaca gtcctctctg 60
ctaataaatg ttgaaagaat gaatgagtga aatggaatga actccctgat gaagtatttt 120
aatttacagg tcaacagctt tggctaaagg attggaggta tcctggggag anggaanaga 180
aggaggggca cactcagttc tgggctgctc tttggcccc actctgaagc cagatggggg 240
cagagtccag agggggccagg gcagttgcct ganaggccct ccctanccc accctgagca 300
ggactggaga actcgggtctg ggccgaggat atgggtctttg tccccatggc tgtgccctgg 360
agccctgagc accagctgca gaggctgcag gtgacccgga agctgctgga gatggaggag 420
caggccgcct tcctcgtggg aagcgccacc cctc 454

<210> 2792

<211> 459

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (452)..(452)

<223> n=unknown

<400> 2792
gagagcctgg gcaggcagca gctggctgac caagtccact ggaagagaag gcttgtgcca 60
gccgggagaa ggaagccggg gacaggatga aagcaacaac acctttgcag acagtcgacc 120
ggcccaagga ctggtacaag acgatgttta agcaaattca catggtgcac aagccggggtc 180
tgtacaaccc accctacagt gctcagtcac accctgctgc aaagacccaa acctacagac 240
ctctttccaa aagccactcc gacaacagcc ccaatgcctt taaggatgcy tcctccccag 300
tgctccccc acatgttcca cctccagtcc cgccgcttcg accaagagat cgggtcttcaa 360
cagaaaagca tgactgggat cctccagaca gaaaagtgga cacaagaaaa ttccggtctg 420
agccaaggag tatttttgaa tatgaacctg gnaagtcac 459

<210> 2793

<211> 505

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (501)..(501)

<223> n=unknown

<400> 2793

```
agattatatt atatacataa aatttacata tataaaaatg aagctttagg aaaaaattat      60
ttcagaaaac atttatgtac acaggagtac agatatatat catacgagac ttcatgatac      120
tctcgttttc tctttctctt tcgatatttt aacttgaaaa tgaaatgagc aaaattaatc      180
attaaatctt tatgccagca cctatttgag aaacactgac ttatatttac tgatgtggca      240
ctcacacatg tagaaacata atatgtaa atcttttctct gcaatagata tgatattcta      300
atctaataatc ctaaagtcac acaccgatta tcttacttgg agcttccaat attacattaa      360
catgatagag tatgttctta ccttatttga gctcaagctg tgaatcctat cactagaata      420
gctgtggggg attggagggt cagggtagtc ctcagcacct tttgtgttcc tcttgacgac      480
ctccacatag ggaaacaggg nagat                                           505
```

<210> 2794

<211> 465

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (8)..(9)

<223> n=unknown

<400> 2794

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cttcacnna cttaagtcac agttaagatc tgtgatacga accatagata ttgcctgaca      60
```

aagcagaaat caccaagttt cccccttttg aattaccacc aagaagtgtt gaaacaccaa	120
atagatatca tgttattttg ggcatttgca gttttcttcc ctgctgcatg taatgtctca	180
gaatcaacat tcttttaaaa tctagactat attttgaggc aatgaattac ttatattcaa	240
cttaggcttg ttttgacatt cagtagaact ttaagttcaa tctaaaggct tcagtcacaca	300
tttttttata cgttgtattt taaaaacggt tgaaaggagt cttacacctg tatcatgaaa	360
actgaatcct tttgaaatac cactatatga agagagagat gaaatttagt gaacagaatt	420
gaaaagggtgc tcataatttc actatggcaa acttaccctc agtct	465

<210> 2795

<211> 508

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (305)..(491)

<223> n=unknown

<400> 2795

tgtttgggct ttacaggcat gatttcacgg attcaaaca gaaattaaca ctgatattta	60
gccttctcat gacatacaca gaaataacat tgctacaaac tgcaatggag agaattctgt	120
ttcaaattggc ttagtttggg gttttgtcta aatgtatcat tatataatga aagcaccaat	180
ttgagggttt ctcaaatagt gatttgaatt ttaggacata acagtataac atggtaactt	240
tattcttcat atataaataa ggcataatcg gatgtgtatt aatgctgaaa atacatttta	300
tcaanagcat aaatncaagt atttgggtac acattgaaag ttaggactta accaatttct	360
tcttacaaaa aatgatnagg accatatggt atttgttgaa tctaaatcag cacttcta	420
catttctggt attaaggcgt ccttnttccc ttctacttta aaccaaccac tgccaccaac	480
tgaataaggg ntttcctaa acagcctc	508

<210> 2796

<211> 162

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(154)

<223> n=unknown

<400> 2796

aaaaaacatg gctatnangt agttnacaca ttcactataa cantggggcg ttacaaagan 60

tttctacagg ggaagtntgg atgtaatttc cntgaggtag tgaaatcaaa gtnatccaaa 120

gattataact ttnttaaaat gnaaagttca ngnnatcata tc 162

<210> 2797

<211> 322

<212> DNA

<213> homo sapiens

<400> 2797

atcaacagat ggagattaag agtcatgtct tcttctcctt aattaactgg gatgatctca 60

ttaataagaa gattactccc ccttttaacc caaatgtggt gagtatctgt ctctcttcta 120

agtatagaga agcccaaagg gcattttattt taattcagaa ttgtctgggg gagggttgga 180

aggaatacat tggcagatgt tttctccata aacctgttat tttacctaca taaaaagcac 240

atTTTTgtgt cccaacaagg ctcccataat ttttagacac atttatcaat tcgaagcacc 300

aaaaggcaac aagtgaacat ta 322

<210> 2798

<211> 391

<212> DNA

<213> homo sapiens

<400> 2798

atcaacagat ggagattaag agtcatgtct tcttctcctt aattaactgg gatgatctca 60

ttaataagaa gattactccc ccttttaacc caaatgtggt gagtatctgt ctctcttcta 120

agtatagaga agcccaaagg gcatttattt taattcagaa ttgtctgggg gaggggttga 180
 aggaatacat tggcagatgt tttctccata aacctgttat tttacctaca taaaaagcac 240
 atttttgtgt cccaacaagg ctcccataat ttttagacac atttatcaat tcgaagcacc 300
 aaaaggcaac aagtgaacat tattcttatg ttttaactgtg tgtagccttt tgagattttg 360
 tgcttgaagt ggggtgattat ggaagttgat a 391

<210> 2799

<211> 354

<212> DNA

<213> homo sapiens

<400> 2799

agcgagactc cgtttccaaa aaaataagag agaatagaag aagctactgc atgatgttag 60
 ttaccaagcc tgccatgggt cctctcttgc tagacacact ccatagatcc cccactgag 120
 ctgtggatgg gcaaaccocg gtggaatccc accctcccca acacccact gagccctggg 180
 cccctcctc ccttctcac ctccacctc tcctgcctt ctctcttctc tcgtctgagc 240
 cccaggcct tttccacttt gagggagggtg cttcgaagaa tgttgccac acctaagtgt 300
 tagaagccta tgtcggttca tcctgagag gtctgaaaga ataaaaataa attc 354

<210> 2800

<211> 468

<212> DNA

<213> homo sapiens

<400> 2800

tgggtggtta gttttctgct ttgtgggttac aatattgttt tttaaatatt caacatgaat 60
 acactttctt gtttgataa cgtgtaaaac gtctacaagg agggatagat aataagtttt 120
 cccttcagaa tgcactgctt tgcctgggat gaggaataat ttataatggg aactgttgct 180
 gggtaaaatt tggctcctac ccacattcat gcaaactcag tgttctagat taaaagagat 240
 ttaagagact tgccaagcaa atgcatggca tccttagatg tctctgatt tgaataaaac 300
 agctataaat aataatattt ttgggattat tgaaaaattt gactatagat tagttttcag 360
 gtgatattgg agaattaatg ttattattgt taggtatgtt agcacggtca tgcagcaatg 420
 tgtctttcct tttaagagat gcatacaaaa atatttgggt gtgaaatg 468

<210> 2801

<211> 461

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (262)..(449)

<223> n=unknown

<400> 2801

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tggcatcttg tcaacacctg cggctctcctg cattatcagg aagatcaaga cagctggtgg      60
aatcattcta acagccagcc actgccctgg aggaccaggg ggagagtttg gagtgaagtt      120
taatgttgcc aatggaggta tgtgggttcag tatatgcctt aataatcacg atttctttcc      180
tcttatatta ttatagtctc acagtgaccc tttgatgata gacaagcaag gtgcagagga      240
cctagctcag aaaaatttag tnaggtgccc aaagtgatcc aacaaagaag tggcatgatg      300
ggctcatgaa cccatttggg tggnctcttg gnccctgta ctcttcagca taaactattn      360
aatagttgat gcttatctga tatngaaggn ctctgaattt taacattaaa acataccctg      420
gangtcattg tctaaatgac aatgaccnc attttacaca t                                461
```

<210> 2802

<211> 453

<212> DNA

<213> homo sapiens

<400> 2802

```
ctgagctagg gctttttgca aaggtgatta aaaatcaagg ctggagttcc agccaaatag      60
ggaggagagg taccacaagt tcactctaaa cttgcttccg ggctgggtag ttaaaacagg      120
aagatcccaa ggggatctta cgaggcaa atcagcaggt aactgtggaa gaaaggaaat      180
ctcaggacct aatgagttcg ttgtaaaata ttcctgggaa tagatggggg atctactccc      240
agttttttac tttttacaga atattgttgc tttctacaa caatgtacat atatttgcag      300
```

ttgtatatgc tttttttttt tccaaataaa cttgtcaccc tgcatgccct tggcaaataa	360
gtgaagcaga aataggaaca cagtccacat tcaagttgag gaacagtgta tctttaagag	420
ctgagctttg ggtgacctgg aaagggggaa aga	453

<210> 2803

<211> 465

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (46)..(46)

<223> n=unknown

<220>

<221> misc_feature

<222> (445)..(445)

<223> n=unknown

<400> 2803

gctgctccgg cccttccgcc tccagctcgg ccatgggggc ggcantccc acgccgcggt	60
cattcccgac ggggacagta ttcggcgaga gaccggcttc tccaagcca gcctgctccg	120
cctgcaccac cggttccggg cactggacag gaataagaag ggctacctga gccgcatgga	180
tctccagcag atagggggcg tcgccgtgaa cccctggga gaccgaatta tagaaagctt	240
cttccccgat gggagccagc gagtggattt cccaggcttt gtcagggctt tggctcattt	300
tcgccctgta gaagatgagg acacagaaac ccaagacccc aagaaacctg aacctctcaa	360
cagcagaagg aacaaacttc actatgcatt tcagctctat gacctggatc gcgatgggaa	420
gatctccagg catgagatgc tgcangttct ccgtctgatg gttgg	465

<210> 2804

<211> 391

<212> DNA

<213> homo sapiens

<400> 2804

```
ccctactgca tcaagcccca tcctcctagc atgcacccag gaaatcagca aaaacccatt      60
taagagtcca gacttcaagg gtccctcaca gtaatgggca tctcttggtt tgcccgagca     120
gagcagacca ctcgtttccc cttattctgc taattgtatt tcattttcct ttaagcaacc     180
acctttcacc ccctcctgaa tcctcagacc ttatttcctt ggctctagga attagcacat     240
gacacaggcc tggccactca gagtgtttca ttcccctaga agtagagatg agaccccaaa     300
cgggtcaatg acactctcca cttggaatta ttggaataag taaatctctt cccactgggt     360
tactgggtta gcaggataga agcctggagc t                                     391
```

<210> 2805

<211> 428

<212> DNA

<213> homo sapiens

<400> 2805

```
cttaaaatac aaagtctata ttattgcata attttgctgc ttctcaatat catagacaca      60
gtgaatagat gatgactata tggcttatat acaaacattc tatgtacaat ttcaagggag     120
actaaacttt aggctaataa tctttactat tgaatctgtc tgatatagat cttaggggtg     180
aagaagctat ctttgtctat ttgggctaac catagaattt catttatttt cctcacaata     240
ttttcctaga ccaactcccc atcattcagc tgttcctctt tactcttact ttaactattt     300
tgctggcttg cccgaaaatt tgcttgcaa gtcttcctta taagacacat catggtaagt     360
ttttagtcc tgtaagattc tggcaacaca gtcaagaatt atacaatcct actagcaata     420
tataagga                                     428
```

<210> 2806

<211> 375

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (212)..(362)

<223> n=unknown

<400> 2806

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gggttcatcc cgggtactac ccataaacga gtcagtaaag gagacttagt ttccaacctt      60
acttcccgac tagacaactg catgaaaaat tggatagcga attatgagtc caagttctat      120
agctggcata gtcctcatgc tttagcccca gcctctgagc ttagcagaag acattttggg      180
tccttatata ttgctagtag gattgtataa tncttgactg tggtgcanaa tcttacanga      240
ctacaaaact taccatgatg tgtcttataa ggaagacttg ccaggcaaat ttctgggcaa      300
gcctagcnaa atagttaaag taagagtaca gaggaacacg tgaatgatgg gganntggtc      360
tnggaaaata ttgtg                                     375
```

<210> 2807

<211> 340

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2)..(306)

<223> n=unknown

<400> 2807

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gnccccacc ttccagccgt cagctcctgg gnccaatgc agctgccctc tccagatacc      60
tggcagcctc atatntcanc cagagcatgg ctcgggcgga ggggcctngg ggaggnnnn      120
ccgcagcctc ccggggctcc tggctctctg ctncnacgtc acgggnatct tcnnccgnccc      180
cccagcncca ncnaccatnt cccccagnna gngggctnag ctatgccacg acggttaaca      240
tccacgttgg cgggggtgng annctgcggn cagntaaggg ccaggtccgg ttgaancanc      300
ctgctntctt ggctccagc acaggaatct atggggcttc                                     340
```

<210> 2808

<211> 431

<212> DNA

<213> homo sapiens

<400> 2808

```
cccgctcagc tcttgggggt cctgctgctc tggctcccag gtgccaaatg tgacatccag      60
atgaccagct ctcttccac cctgtctgca tctgtaggag acagagtcac catcacttgc      120
cgggccagtc agagtattag tacctgggtg gcctggatc agcagaaacc agggaaagcc      180
cctaaactcc tgatctataa ggcgtctagt ttagaaagtg ggggccatc aagggttcagc      240
ggcagtggat ctgggacaga attcactctc accatcagca gcctgcagcc tgatgatttt      300
gcaacttatt actggcaaca gtatgatatt tatccttgga cgttcggcca agggaccaag      360
gtggatatca aacgaactgt ggctgcacca tctgtcttca tcttcccgcc atctgatgag      420
cagttgaaat c                                     431
```

<210> 2809

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (183)..(183)

<223> n=unknown

<220>

<221> misc_feature

<222> (329)..(370)

<223> n=unknown

<400> 2809

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aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc      60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa      120
```

cactctcccc	tggtgaagct	ctttgtgacg	ggcgagctca	ggccctgatg	ggtgacttcg	180
cangcgtaga	gtttgtgttt	ctcgtagtct	gctttgtctca	gcgtcagggg	gctgctgagg	240
ctgtaggtgc	tgctcttgct	gtctgtctct	gtgacactct	cctgggagtt	acccgattgg	300
agggcgttat	caacttccac	tgtactttng	cctctctggg	atagaagtta	ttcagcaggc	360
acacaacagn	ggcagttcca	gatt				384

<210> 2810

<211> 439

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (351)..(427)

<223> n=unknown

<400> 2810

gaccagtc	ggacacagcc	tggacatgag	ggtccccgct	cagctcctgg	ggctcctgct	60
gctctggctc	ccaggtgcc	gatgtgacat	ccagttgacc	cagtctcctt	ctaccctgtc	120
tgcatctgtg	ggagacagag	tcaccatcac	ttgccggg	agtcagactt	gtgatacttg	180
gttgccctgg	tatcagcaga	agccaggcca	agccccaaa	ctcctgatct	ataaggcgct	240
tattttagag	agtgggtgtcc	catcaagatt	cagcggcaat	ggatctggga	cagaattcac	300
tctcagcatc	accagcctcc	agcctgatga	tattgccact	tattattgtc	nacaatataa	360
taattatccg	gagacattcg	gccaggggac	caaagtggag	atcaaaggga	actgtngntg	420
caaccanctg	tcttcatct					439

<210> 2811

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> .misc_feature

<222> (409)..(409)

<223> n=unknown

<400> 2811

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aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc      60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa    120
cactctcccc tgttgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg    180
caggcgtaga ctttgtgttt ctogtagtct gctttgctca gcgtcagggg gctgctgagg    240
ctgtaagtgc tgtccttgct gtccctgctct gtgacactct cctgggagtt acccgattgg    300
agggcgttat ccacttccac tgtacttttg cctctctggg atagaagtta ttcagcaggc    360
acacaacaga ggcagttcca gatttcaact gctcatcaga atggcgggna gatgaagaca    420
gatgtgcagc acag                                         434
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<210> 2812

<211> 631

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (563)..(588)

<223> n=unknown

<400> 2812

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caagccccc a gctcctgat ctccggtggg tccaccttgg gggcgggggt cccgtcaaga      60
tttaggggtc gtggatttgg gacttat ttc actttaagta ttgacaacgt gcagcctgag    120
gatgtcgcaa cctattactg tcaacagtct cagactctgt atgtcacctt cggccgtggg    180
accaagctga tgatcagacg aactgtggct gcaccatctg tcttcatctt cccgccatct    240
gatgagcagt tgaaatctgg aactgcctct gttgtgtgcc tgctgaataa cttctatccc    300
agagaggcca aagtacagtg gaagggtgat aacgccctcc aatcgggtaa ctcccaggag    360
agtgtcacag agcaggacag caaggacagc acctacagcc tcagcagcac cctgacgctg    420
```

agcaaagcag actacgagaa acacaaagtc tacgcctgcg aagtcaccca tcagggcctg 480
agctcgccccg tcacaaagag cttcaacagg ggagagtgtt agagggagaa gttcccccca 540
cctgctctca gttccagcct gancacctcc catcctttgg cctctgancc tttttccaca 600
ggggactacc cctattgcgg tcctccagct c 631

<210> 2813

<211> 318

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (292)..(292)

<223> n=unknown

<400> 2813
aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60
aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120
cactctcccc tggtgaaget ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180
caggcgtaga ctttgtgttt ctgtagtct gctttgctca gcgtcagggt gctgctgagg 240
ctgtaggtgc tgtccttget gtctgctct gtgacactct cctgggagtt anccgattgg 300
aggggcgtta tccacctt 318

<210> 2814

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (68)..(70)

<223> n=unknown

<220>

<221> misc_feature

<222> (343)..(353)

<223> n=unknown

<400> 2814

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ggctgctcgg cgactcagca caggetcact cagacccggc ctcttagagg gaagcgcggc      60
gcgggcgngn ggtggggcgg gccgggggag cggggcccga acacctgccg gcctagcggc      120
cgagcagcgg ggatgttttag acgatcttcc agcaatgcga ccgaggctcc cccggctttc      180
ttgcgttggt gccttggcag ggctgggggc ggccagctag gggccccttg cctatgaggt      240
ctgctgaccc agaaactttc ctacgagctt ccagccaagg accaagctga ggccgacttt      300
gggaacggca gcaccgtggt aaataggcac agcctgtcgt ctngcagggt canccgctca      360
gccagtctgt cttcttatcc actcagccgg tcc      393
```

<210> 2815

<211> 135

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(88)

<223> n=unknown

<400> 2815

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atgagtgaat attgtagnaa gcagagacaa tgtgccagat gtttggagng aaaangactt      60
ggctcctgtt ctcttaggan ggacaatnct acacacaatc ccaaatcaca ggctataaga      120
gaggtggcca atcct      135
```

<210> 2816

<211> 516

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (356)..(443)

<223> n=unknown

<400> 2816

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ctgggtaaca tgaagaagga tgggagtgag acgtggctgg cgtctctgaa gggccgggttc      60
accatctcca gagacattgc caagaactca ctgtatctgg agatgactac cctgagagtc      120
gaagacacgg ctgtctactt ctgtgcgagg ggcccagact acggtgtccg cgctgattat      180
tttgactatt ggggcaaggg aaccctggtc accgtctcct cagcatcccc gaccagcccc      240
aaggtcttcc cgctgagcct cgacagcacc cccaagatg ggaacgtggt cgtcgcatgc      300
ctggtccagg gcttcttccc ccaggagcca ctcagtgtga cctggagcga aagggnacag      360
aacgtgaccg ccagaaatcc ccacctagcc aggatgcctc cggggacctg tacaccacga      420
gcagccagct gaccctgccg gcnacacagt gccagacgg caagtcctg acatgccacg      480
tgaagcacta cacgaatccc agccaggatg tgactg      516
```

<210> 2817

<211> 272

<212> DNA

<213> homo sapiens

<400> 2817

```
aggcgggagg ctcagtagca ggtgccgtcc acctccgcca tgacaacaga cacattgaca      60
tgggtggggt taccgcgcaa gcggtcgatg gtcttctgtg tgaaggccag cggcagggcc      120
tcgtggccca ccatgcagga gaaggtgtcc cccttcttcc agtcctcggc tgccacgcgc      180
agtatgctgg tcacagcgaa ggtgggtggt ccctggctgg gtcctgccg ggatgccccaa      240
gtcaggtact tctcgcgggg cagctcctgt ga      272
```

<210> 2818

<211> 438

<212> DNA

<213> homo sapiens

<400> 2818

cagctaccaa caccacttgt acagccacgg ttccaccaca gccacagtac agtaccacg 60

acatcaatgt ctattccctt gggggttg caccacacat tactctaaat ccaacaattc 120

ccttgtttca ggcccatcca cagttgaagc agtggtgctg tcaggcaatt gaacgggctg 180

tccaggagct ggtccatcct gtggtggatc gatcaattaa gattgccatg actacttggtg 240

agcaaatagt caggaaggat ttgcccctgg attcggagga atctcgaatg cgaatagcag 300

ctcatcacat gatgcgtaac ttgacagctg gaatggctat gattacatgc agggaaacctt 360

tgctcatgag catatctacc aacttaaaaa acagttttgc ctacgccctt cgtactgctt 420

cccccaaac aaagagaa 438

<210> 2819

<211> 76

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(63)

<223> n=unknown

<400> 2819

ganattcaca gcatcntnta aatnttggca aagagtnaan aaaatgcatt taaantttgg 60

aangtgcaca cataag 76

<210> 2820

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (24)..(151)

<223> n=unknown

<220>

<221> misc_feature

<222> (254)..(407)

<223> n=unknown

<400> 2820

tggacgcgct gaaccacggc cggnnnggang ggcggggcng ggctgaacca tggcggggcgg 60

cggcatgggg gcgngggggc tccgcgggca gcntggttgc nctgcacccg gacggggccg 120

aggggacctg aaagctgcgg cagancctga ncgcgccgtt ctccagaaga gccccggccg 180

cggctgagtc gcgctccggg tgtggacgga gccggagcct ccccggggct cggtgaggac 240

acagggccca agcncggac cttcaagtct tgaccgancg catccccggc ctttctgcnc 300

ccacacctga gtttttgtct gtnggagttt ccgcagtttg ctaagaatcg acatctagag 360

gagtactcac cacttaattg atgatcaata cacgttcctt gaaaganccg taccatgcga 420

tcggtacaga gcatctgcac t 441

<210> 2821

<211> 398

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (30)..(30)

<223> n=unknown

<220>

<221> misc_feature

<222> (244)..(396)

<223> n=unknown

<400> 2821

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aggaaaggaa aaaagcgagg gtccaaggcc gactataccc tcagctccat tagcccccca 120
ggcctccctg acaggcgggg cggacaatcc cagtgcagat gctctgtatc gatcgcatgc 180
tatcggttct ttcaaggaac gtgtattgat catcaattaa gtggtgagta ctctctaga 240
tgtngattct tagcaaaactg cggaaactcc tacaganaaa aactcaggtg tgggcgcaga 300
agggccgggg atgcgctcgg tcaagacttg aaggtccggn gcttggnccc tgtntcctca 360
ccgagcnccg ggnnngctcc ggntccntnn acacnngg 398
```

<210> 2822

<211> 214

<212> DNA

<213> homo sapiens

<400> 2822

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gttacttaca gtagcacaga aatggttagca tatttattta aatagtcctg cagcagagac 60
cctgcgattg taaagtgatt taagtatttc tgggtagtgt ttgtgattta cggatttggt 120
actgaaaaac aaaaaaaatc actactgtga atttactact atgtaacctt gtggtcgtat 180
ttcattataa ataaaataag aattgctctt ctgc 214
```

<210> 2823

<211> 478

<212> DNA

<213> homo sapiens

<400> 2823

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ctcttgctcc ctcgccgggg cggcggtgac tgtgcaccga cgtcggcgcg ggctgcaccg 60
ccgcgtccgc ccgcccggca gcatggccac caccgccacc tgcaccggtt tcaccgacga 120
```

ctaccagctc ttcgaggagc ttggcaaggg tgctttctct gtggtccgca gtgtgtgaag	180
aaaacctcca cgcaggagta cgcagcaaaa atcatcaata ccaagaaatt gtctgcccgg	240
gatcaccaga aactagaacg tgaggctcgg atatgtcgac ttctgaaaca tccaaacatc	300
gtgcgctcc atgacagtat ttctgaagaa gggtttcata cctcgtgttt gaccttgta	360
ccggcgggga gctgtttgaa gacattgtgg ccagagagta tacagtgaag cagatgccag	420
ccactgtata catcagattc tggagagtgt taaccacatc caccagcatg acatcgtc	478

<210> 2824

<211> 482

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (86)..(86)

<223> n=unknown

<400> 2824

cttgccgggc agcccgggca gagaccatgt ttgacaagac gcggctgccg tacgtggccc	60
tcgatgtgct ctgcgtgttg ctggcntcca tgcctatggc tgttctaaaa ttgggccaaa	120
tatatccatt tcagagaggc tttttctgta aagacaacag catcaactat ccgtaccatg	180
acagtaccgt cacatccact gtctcatcc tagtgggggt tggcttgccc atttctcta	240
ttattcttgg agaaaccctg tctgtttact gtaacctttt gcactcaaat tcctttatca	300
ggaataacta catagccact atttaciaag ccattggaac ctttttattt ggtgcagctg	360
ctagtcagtc cctgactgac attgccaagt attcaatagg cagactgcgg cctcacttct	420
tggatgtttg tgatccagat tggtcacaaa tcaactgcag cgatgggtac attgaataac	480
ta	482

<210> 2825

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (240)..(240)

<223> n=unknown

<400> 2825

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aggtgggggca ctgttttggg ggaaggcttg gagttttttt aatgagttta gagctattag      60
ataaccactg agttaaggt aactatgtac acacaaagtg tgcaccaag aggcataagca      120
gcagcagaag tcttttaaagg cttgtacacc aggaagaaaag atgcacctc ttgccttggtg      180
gcaatcattt tccttttagaa aacaggccag cttcacctgg gcaccctgct gcctttcaan      240
gctggtgatt gtcggatag tgattcccag ttgttggtgt ttcatgcaga gttgtatgag      300
agtcctctc tttctttct ttaaaagaag ttctttcttt gaagaaatcc gatacatata      360
cagcaactaa tattgcaacc agagctccct gaatgagtc agtcaacaca tcgctccagt      420
ggtgtttata atcagaaact cgagaaaggc ccacataaat ggatacggca acaagaccaa      480
attgca                                         486
```

<210> 2826

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (13)..(13)

<223> n=unknown

<220>

<221> misc_feature

<222> (260)..(289)

<223> n=unknown

<220>

<221> misc_feature

<222> (480)..(480)

<223> n=unknown

<400> 2826

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cacagccgaa ggnaaagcag caggttgggg cttcttgtgg ccaacttcag agcctgtcac      60
caggaaaggt aagcatggga ggaaggaaga tggcgacaga tgaagaaaat gtctatggtt      120
tagaagagaa cgctcagtc cggcaggagt ccacgcggag gctcatcctt gttgggagaa      180
caggggccgg gaagagcgcc actgggaaca gcacccctggg ccagagacgg ttcttctcca      240
ggctggggggc cagctctgt accagggcct gcaccacggg cagccgcang tgggacaagt      300
gccacgtgga agtcgtggac actccggaca ttttcagctc ccaagtgtcc aagacagatc      360
ctggctgtga ggagagaggt cactgctacc tgetctcggc ccccgaccc caccgcgtgc      420
tcctggtgac ccagttgggt cgggttcaccg cccaggacca gcaggcgggtg aggcagtgan      480
ggacat                                         486
```

<210> 2827

<211> 395

<212> DNA

<213> homo sapiens

<400> 2827

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cagcgagcac atgaagcgg tcttcgtgaa ctttgtgggt gggcaggatc cgggctcaga      60
cgtcgccttc cacttcaatc cgcggtttga cggctgggac aagggtggtc tcaacacgtt      120
gcagggcggg aagtggggca gcgaggagag gaagaggagc atgcccttag tacgggcacc      180
ggcttcccct acagatgggc acccacctgc aagtggatgg ggatctgcaa cttcaatcaa      240
tcaacttcat cggaggccag cccctccggc cccagggacc cccgatgatg ccaccttacc      300
ctggtcccgg acattgccat caacagctga acagcctgcc caccatggaa ggacccccaa      360
ccttcaacct gcctgtgcca tatttcggga ggctg                                         395
```

<210> 2828

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (408)..(408)

<223> n=unknown

<400> 2828

aattctgttt tcccatgagt tatggcccca ggaatagatt agatctggac ataggacaag 60
gtgacatcac cctggatttc caatgtgtcc accctctgga aggccgagag gcgatgggca 120
aagtcaaaga ggtgctggcc attggcgtaa accttgaagc gatccaagcc acagcgaatg 180
gacagatcaa agaactgtcc gggaccaa at gggttgtggg tgatcttctt ctccctcgat 240
ccccacgagc cattcagaag gctgttccgg accacggtac cgttgccc at gcggggatta 300
atgtgcagag ctatgtcccc tgaggagccc accttgaagt tgatagcaaa gctcttgctt 360
gtgggaggca catagccctt gatgatgatg gttcttcgag ctgtgagncc tccttgagc 420
ctcccgaat atggc 435

<210> 2829

<211> 354

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (354)..(354)

<223> n=unknown

<400> 2829

gattggggga ctggtgttcg ctgtggctct cttctcggtt gggatcctcc ttatcctaag 60
tcgcaggtgc aagtgcagtt tcaatcagaa gccccgcaac agagccccag aaagcagaga 120

actgaagtgc agccatcagg tggaagcctc tggaacctga ggcggctgct tgaacctttg	180
gatgcaaatacgatgctta agaaaaccgg ccacttcagc aacagccctt tccccaggag	240
aagccaagaa cttgtgtgtc cccacccta tcccccttaa caccattcct ccacctgatg	300
atgcaactaa cattgcctcc ccactgcagc ctgcggctct gccacctcc cgtt	354

<210> 2830

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (93)..(93)

<223> n=unknown

<400> 2830

ttgttgagga tagatcacga tacagagaac agcaatgggt cacagcgac ggtttggtg	60
gtttccgcgg gaacacagag gacaggaggt gcnggatctg ggttgagttc ccactctcgt	120
tatgaccttc aacctctcac tgttcccaag ggctgcacgg agcctgctga gtctccaacc	180
cacctcgtc accgctctga ccaccgacag gcagagcaaa ggatgcggga gttgcctctg	240
ctgcccactt aaggggacgt aggcagagaa gcaaaggcct ctgctctccc tccatccatc	300
ccggtgtgct ggccccaacg gaacaggagt ccttcaacta ttgcctgcca gagaccaat	360
tgcagggact gtagtctgca tctggatgag ctgggctgta gattgaagtc tcagaagcag	420
ggaagggttg aaggggtagg gtcccagagc ccatggagtt attgctgaga agata	475

<210> 2831

<211> 227

<212> DNA

<213> homo sapiens

<400> 2831

gctcctgctg ccctgtgggt gtgccaagtg tgcccagggc tgcattctgca aaggggcatc	60
ggagaagtgc agctgctgcg cctgatgtcg ggacagccct gctcccaagt acaaataagag	120

tgaccgtaa aatccaggat tttttgtttt ttgctacaat cttgaccctt ttgctacatt 180
cctttttttt tgtgaaatat gtgaataata attaaacact tagactt 227

<210> 2832

<211> 198

<212> DNA

<213> homo sapiens

<400> 2832

cagaaaaaaa ggaatgtagc aaaggggtca agattgtagc aaaaaacaaa aaatcctgga 60
ttttacgggt cactctatct gtacttggga gcagggctgt cccgacatca ggcgcacagc 120
tgcacttctc cgatgccctt ttgcagatgc agccctgggc acacttggca cagcccacag 180
ggcagcagga gcctcgag 198

<210> 2833

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (99)..(99)

<223> n=unknown

<400> 2833

ggcgcggagt ggctgccctg cgcggggaca ctgagagccc ggtggggcggg aggaaggcgg 60
catgccccag acggtgatcc tcccgggccc tgcgccctng ggcttcagga tctcaggggg 120
catagacttc aaccagcctt tggatcatcac caggattaca ccaggaagca aggcggcagt 180
gccaacctgt gtcttgaga tgtcatcctg gctattgacg gctttgggac agagtccatg 240
actcatgctg atgcgcagga caggattaaa gcagcagctc accagctgtg tctcaaaatt 300
gacaggggag aaactcactt atggtctcca caagtatctg aagatgggaa agcccatcct 360
ttcaaaatca acttagaatc agaaccacag gaattcaaac ccattggtac cgcgcacaac 420

agaagggcc agccttttgt tgcagctgca aacattgatg

460

<210> 2834

<211> 425

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (342)..(342)

<223> n=unknown

<400> 2834

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acatacagac aactgcagat tatgtagaa tacaagattg ttatttgcta ttaccacaa 120

ttgcaaaatc aacttgtcaa ggaaagacaa ttagagtcct tcaaatatct tgatgtttat 180

gtgtttgatg gctgtaatat acatgtaaht tgtggagtat gacatacaaa aaattattgc 240

tttaaataatc attattgcta gccccaaaa gagttgcaaa acatagctaa gtgtatgttt 300

ttttcacata gcaggcattt gcctcccatc ccttttcctc antaaacaat aggataaagg 360

tctaaagcct tgactttaga tttggagttg acaatctgca caatccttct gcccaaagcc 420

atgaa 425

<210> 2835

<211> 306

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (301)..(301)

<223> n=unknown

<400> 2835
gaagagttct aagttttcta aaccttaact gttccttaag gatttttagcc agtatttttaa 60
tagaacatga ttaatgaaag tgacaaatth taaattttct ctaatagtcc tcatcataaa 120
ctttttaaag gaaaataagc aaactaaaaa gaacattggt ttagataaat acttatactt 180
tgcaaagtca aaaatggctt gatttttgga aacaatatag aggtattcat atttaaata 240
gggtttacca tttgttttgt tttgtaaccg ttaaaaagaa gttgtttccc agctaattat 300
ngtggt 306

<210> 2836

<211> 460

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (429)..(460)

<223> n=unknown

<400> 2836
aaaaaacaca gttgttttca gcatttccta gctacagtag tgcataaggaa attccattct 60
aaacaaagaa gtaattaatg aaataacaac acaccttaac attttacatt gatagggttac 120
agttttacaag gtgctttcac atacattatt tcatttgatt cttacaacaa gcagaaaaaa 180
cagtgggaaa gatttttttt ttcaggctta caatgagtat tttcaggcca atgggcagtt 240
aacacaagaa tataccaaga atgagacagc aatacccata agccacaata tcgttttttg 300
taggttgaca gtttgattca actgggtatt cagcatcggt gagtgagaaa ggaattagga 360
cagacaccaa ggctottatg atattcaaata aattttaaga acactgtcag agattagaaa 420
gaaagatgnc ccnaaatata ttgncttatt ggggcntacn 460

<210> 2837

<211> 249

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (33)..(81)

<223> n=unknown

<400> 2837

cttgagcggc atccgtggag tgcgcctgcg canttacgac cgcagcagga aagcgccgcc 60

ggccaggccc agctgtggcc ngacagggac tggaagagag gacgcggtcg agtaggtttt 120

aaaacatgaa tcctacactc atccttgctg ccttttgcct ggaattgcc tcagctactc 180

taacatttga tcacagttta gaggcacagt ggaccaagtg gaaggcgatg cacaacagat 240

tatacgga 249

<210> 2838

<211> 255

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (4)..(213)

<223> n=unknown

<400> 2838

gctnatcaan gtcaggcttc gntaagtaag tggctctgaa ntaactgcag gtccagcnag 60

ctcagggtcaa gtccatattt ctcattaatg ggnccangct gaagggcnag ctgcttccca 120

gnggnanntn ttctcatgca catggcagag cangataaca tncccnagtn cnnangcata 180

tntcaanccc ctgtttgngt tatgtctgct aanatcccat tggtaaaga caaacacaat 240

gcccagcctt acagg 255

<210> 2839

<211> 402

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (7)..(393)

<223> n=unknown

<400> 2839

```
ccgagantcn nggacgtggc ngngaggggn cctgtaaatc tccagatacc aaanctggaa 60
gggcgtaggag tcttctccag ttctcctagt ttacagatgt tgtgacctag gcttacaatg 120
ggcctgggggt ctgaaagcgg gacntgngcn gcnnnggtca aanagcnggt ttggtggang 180
tcagcgccac agcgcgccgt gccaggnagn ctttattctg cgcctccgtc tgtntctnac 240
gtttgaactc agagatnang cgcccgtagg agttagccag agccacagtg tacgccatca 300
ggatgctcga gatnagcana atgggcacag caaaancctg ggtccccagg aanaagacga 360
aattctnggt ggtctcangg nggctggaaa tanactcatg ga 402
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<210> 2840

<211> 444

<212> DNA

<213> homo sapiens

<400> 2840

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gaaacccttt tccattgagg aggtggaggt tgcacctcct aaggcccatg aagttcgtat 60
taagatggtg gctgtaggaa tctgtggcac agatgaccac gtggttagtg gtaccatggt 120
gaccccaactt cctgtgattt taggccatga ggcagccggc atcgtggaga gtgttggaga 180
aggggtgact acagtcaaac caggtgataa agtcatccca ctcgtattc ctcagtgtgg 240
aaaatgcaga atttgtaaaa acccggagag caactactgc ttgaaaaacg atgtaagcaa 300
tcctcagggg accctgcagg atggcaccag caggttcacc tgcaggagga agcccatcca 360
ccacttcctt ggcacagca ccttctcaca gtacacagtg gtggatgaaa atgcagtagc 420
caaaattgat gcagcctcgc ctct 444
```

<210> 2841
 <211> 529
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (188)..(188)
 <223> n=unknown

<220>
 <221> misc_feature
 <222> (463)..(463)
 <223> n=unknown

<400> 2841
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 aattttacat caatttccat ttctttggaa agccccaaa tgtaatttat tgataaaatc 120
 tgtgatgagc agaattaatg atatttccca gctgttgctc cagatcatgt agggtagagg 180
 aggctganga ctgccacaag ggaaaacatc tgtattgtct caaaacatca gaatggtacg 240
 gatacttttc ccagagtga gacaggtcaa tccttcattt attttttcaa aaggtaaaac 300
 atgggttatt aatgcatcca atgaaaactt cttagccata aaatcagcca caagttttgg 360
 gacacattct ttacttttaa agccaccaag aatagctccc ttccaggtac gtccagtcag 420
 tagcagcata gggttcattg agaggtttgg gatcaggagg tancctacg atgacacttg 480
 tgccacatgc ctcatgacac ataccaggga agccatcatg gtgtcagcc 529

<210> 2842
 <211> 411
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature

<222> (276)..(371)

<223> n=unknown

<400> 2842

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gtgaatatgt gattcttttaa ggctgcaata caagcattca gttccctggt tcaataagag      60
tcaatccaca tttacaaaga tgcatttttt tcttttttga taaaaaagca aataatattg      120
ccttcagatt atttcttcaa aatataacac atatctagat ttttctgctc gcatgatatt      180
caggtttcag gaatgagcct tgtaatataa ctggctgtgc agctctgctt ctctttcctg      240
taagttcagc atgggtgtgc cttcatacaa taatantttt cnccttgtct ccaactaata      300
taaaangntt tgccaaatct tacaatttgg aaagtaaaaa ttaaaccaga gtgatcaagt      360
aaaccatac nctatctcta agtaacggaa gggagctatt ggggctggta a      411
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<210> 2843

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (231)..(257)

<223> n=unknown

<220>

<221> misc_feature

<222> (479)..(479)

<223> n=unknown

<400> 2843

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tggatttcaa aaaacaattt ttattgaaaa gattaaatag gtaacttttg gctgtgtcac      120
```

aaagctaagc acaatggata aattaacaat tgttcagtaa atttgatcat tatagatgat	180
tgactttgat aattcagttt ttcagagttt tctgacttca aatgtagggg nnnnnnnnnn	240
nnnnnnnnnn nnnnnnttc cctgaattac ctgggtaatt ttctcagttc tccagtctac	300
tttctagata tagcttaaatt gttatgatga agcattaatt ttctcagttaa gttataaacc	360
cccccaaaag tggctttaag ttgaaattc tccctctcaa atcttttagt gtctcaaaaa	420
caccacatt actataactt gggcagtact ttttattata taattgctgc ataataggna	480
cttaatggta taatagggct atgt	504

<210> 2844

<211> 427

<212> DNA

<213> homo sapiens

<400> 2844

gccagtaact ttcacatgta gagtggctgg aaatccaaag ccaaagatct attggtttaa	60
agatgggaag cagatctctc caaagagtga tcactacacc attcaaagag atctcgatgg	120
gacctgctcc ctccatacca cagcctccac cctagatgat gatgggaatt atacaattat	180
ggctgcaaac cctcagggcc gcatcagttg tactggacgg ctaatggtag aggctgtcaa	240
ccaaagaggt cgaagtcctc ggtctccctc aggccatcct catgtcagaa ggctcggtc	300
tagatcaagg gacagtggag acgaaaatga accaattcag gagcgattct tcagacctca	360
cttcttgacg gctcctggag atctgactgt tcaagaagga aaactctgca gatggactgc	420
aaagtca	427

<210> 2845

<211> 130

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(101)

<223> n=unknown

<400> 2845
 canaggaata tggttggtcaa ggcaatggct gtttcagtgt ttcagcttta anangaatgc 60
 tggattacag gccctnnnnn acnnntttgg cngtattcag ngtcacgtga gatggggttg 120
 cctcagggtg 130

<210> 2846

<211> 415

<212> DNA

<213> homo sapiens

<400> 2846
 ctggagtggc agtgggtccc aaggctctct cctccaacat gtgcatctgc catctgctct 60
 gcagtcctgc cgcaggatcc cctagtgaag cagctcaggc ctgggggagc gtgtgtatcc 120
 cagctgtgcc ggcagcatca taccaatcgt gggggtggtg aaggagccag ggggttcattc 180
 atgggttggtt tctgatcagg catcttggtg atggataatg gaggcagccg ctttcaggac 240
 aggcattgtcc aggggtctct cccagcctct acccccgaag tctcttcccc aagtgacccc 300
 cagtgatgtt tccattgaga tgcgctcctg gctatggcag gcacttctca acttatatgt 360
 gggaaggggt ccccatgct tgggggacta ggcaactggc ttggcccaag agaga 415

<210> 2847

<211> 466

<212> DNA

<213> homo sapiens

<400> 2847
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 gatgaccag tctccagact ccctggctgt gtctctgggc gagaggcca ccatcacctg 120
 caagtccagc cagagtgttt tctacaactc caacaataag aactacttag tttggtacca 180
 gcaaagacca ggacagcctc ctaaaatgct catttactgg gcactctacc gggaatccgg 240
 ggtccctgac cgattcagtg gcagcgggtc tgggacagat ttcactctca ccatcagcag 300
 cctgcaggct gaagatgtgg cactttatta ctgtcagcaa tattttacta ctccgtacac 360
 ttttgccag gggaccaggc tggagatcaa acgaactgtg gctgcaccat ctgtcttcat 420

cttcccgcca tctgatgagc agttgaaatc tggaaactgcc tctggt

466

<210> 2848

<211> 461

<212> ' DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (421)..(421)

<223> n=unknown

<400> 2848

aaagatgagc tggaggaccg caataggggt aggtcccctg tggaaaaagg gtcagaggcc 60

aaaggatggg aggggggtcag gctggaactg aggagcaggt gggggcactt ctccctctaa 120

cactctcccc tggtgaagct ctttgtgacg ggcgagctca ggccctgatg ggtgacttcg 180

caggcgtaga ctttgtgttt ctcgtagtct gctttgtcga gcgtcagggt gctgctgagg 240

ctgtaggtgc tgctcttgct gtctctgctct gtgacactct cctgggagtt acccgattgg 300

agggcgttat ccaccttcca ctgtactttg gcctctctgg gatagaagtt attcagcagg 360

cacacaacag aggagttcc agatttcaac tgctcatcag atggcgggaa gatgaagaca 420

nattgtgcaa ccacaattcg tttgatctcc agcctggtcc c 461

<210> 2849

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (436)..(436)

<223> n=unknown

<400> 2849
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ttagagtcaa cagaaacaat ctggagttgt cgacaccact taaaatagaa accatctccc 120
atgaagacct tcaaagacaa cttgccgtct tggacaaagc aatgaaagca aaagtggcca 180
catacctggg tggccttcca gatgttccat tcagtgccac accagtgaat gccttttata 240
atggctgcat ggaagtgaat attaatgggtg tacagttgga tctggatgaa gccatttcta 300
aacataatga tattagagct cactcatgtc catcagtttg gaaaaagaca aagaattott 360
aaggcatctt ttctctgctt ataatacctt ttccttgtgt gtaattatac ttatgtttca 420
ataacagctg aagggnntta ttacaatgt gcagtctttg attattttgt ggtctttccc 480
tgga 484

<210> 2850

<211> 185

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (25)..(175)

<223> n=unknown

<400> 2850
tttattgtta aaaactgtca gtganacatc tgatacacat ctggctatga atggtagatt 60
caaacgtgat aaaactgcca ccttnanatn cntcanagta ncagcaggca cnnggnaatc 120
ttanctcnnt anntcnttga ttacaatgat angntnttca ctatatncct ctntngttgt 180
ccctt 185

<210> 2851

<211> 298

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (141)..(266)

<223> n=unknown

<400> 2851

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atttaagacc tttattaaca ggtgcttgca gtttcctgtg cctaggttta aaacttgcc 60
cctttcaaac tcatgtctctt ttccctacc tacccttacc aaaagcattt tccagaggga 120
accatggaaa cccagcgca nttctcttcc tctgctant ctggnccca natacctccg 180
gngaaattnt gttnacgcag ctccaggcac cctgtctttg tctccagggg aaagagccac 240
cctntcctgc agggccagtc agagtnttag cagcaggtag ttagcctggg accagcag 298
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<210> 2852

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (17)..(339)

<223> n=unknown

<400> 2852

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ttaaagccaa ggaggangan gggggtgang tgaaagatga gctggaggac cncaataggg 60
gtangtcccc tgtggnaaaa nggtcagagg ccaaaggatt ggaggggggc aggctggaac 120
tgangagcan gtgggggcac ttctccctct aacactctcc cctggtgaag ctctttgtga 180
cgggcgagct caggccctga tgggtnactt cgcangcgta gagtttgtgt ttctcgtagt 240
ctgctttgct cagcgtcang gtgctgctga ggctgtaggt gctgtccttg ctgtcctgct 300
ctgtgacact ctctgggag ttacccgatt tgagggcgnt atccaccttc cactgtactt 360
tggcctctct gggatagaag ttattcagca ggcacacaac agaggcagtt ccagatttca 420
actgctcat 429
```

<210> 2853
<211> 274
<212> DNA
<213> homo sapiens

<400> 2853
gtcctttccc catagttgtc ctatgccttt gggcttttagt ctatcccagg actaactgtg 60
gagaaatcat tggtttgaga gtcaagagag cattgggtttg ggagctttta tctcttttct 120
gcttcacact aagtgtgtca tcttggtctaa atcacttggt ctttctgcat tttgttttct 180
tatttatagg atgaggaaat tagattaaat ggttttgagg tcttttcttg ttctgatatg 240
tccagtactc actggaaaaa ttggatctat aact 274

<210> 2854
<211> 623
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (98)..(98)
<223> n=unknown

<220>
<221> misc_feature
<222> (205)..(250)
<223> n=unknown

<220>
<221> misc_feature
<222> (494)..(574)
<223> n=unknown

<400> 2854
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 ctttactcaa aacatatggt ttagaccac atcatggntt tcttgtggga aacctggatg 120
 ggactaggaa aacacatggt ccaacatggt gcatatctgt tgtgcagata tcagacaaga 180
 ttaatcctgt ctaacttatg cgtantgttt gatgtttgcc tgtggntatt ctgggcacag 240
 caatggtn gn cattattgaa aatgaacttt attggcagat gaaagataat agaacatgaa 300
 gatttatgaa ctaccataag ctctgcatct ctgggtcttc atttccaaag cagcacttgg 360
 aaaaccaagc ccagttcagg caaagagtcc tttcttctca ccagcacttg aaatgggtcca 420
 gaatatacct gatgtcacac caacttcctc atccaacttc tgaaatgaaa aggtcattcc 480
 ccaatgggtg ctanatcttt tccaagangg acttnccctt tcttaaaatt ctgaaaaatt 540
 cttttccatt tcatacactg gaacctgact tcanttctta ataaataatt ttatcatctc 600
 tatcatccag aatttcttct tct 623

<210> 2855

<211> 473

<212> DNA

<213> homo sapiens

<400> 2855
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 cttctgaaat aaggatatat tatatgagtt tttatttgat ttgtgggtctt tagtcatagg 120
 taatcaaaaa taaagagatt tgaatgcaaa actttatata ttaatgtaca tttctaataga 180
 tggatcaaat tgccacttta taataaaaaa gaaacaggtg ggaataataa tcaaagcacg 240
 tggtccttca gtactttggg gatTTTTaat ccccttgtg atgcacagga aattattttt 300
 tagttacaaa aagttatctt agaaatctat acttcccaat acagatttca tgttaagtca 360
 tatcaaattg agaatttgtg gtgaaagaat aggaaaagg atgctagatg ctgatctttc 420
 tttttcaggg atttttcccg ggaggcccaa gttaaaaatt ccatacttaa atc 473

<210> 2856

<211> 219

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (77)..(86)

<223> n=unknown

<400> 2856

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gaagaagacc gtgttactgc agaacctgcc aagtctgtca tcactgtggg gtgtagcctg      60
cctcagaggg acctgcnadc accncnctga gctcagtggg attttgagaa tttaatgttt      120
aactgtaccc ctttcctca ggaagattta acatttgctt gggaatgtga ttttgctccc      180
accctaagga atttttatca ccaaaatgaa tgtaatatga      219
```

<210> 2857

<211> 178

<212> DNA

<213> homo sapiens

<400> 2857

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ggagcaaat cacattccca agcaaatgtt aaatcttctt gagggaaagg ggtacagtta      60
aacattaaat tctcaaaata ccactgagct cagagaggtg attgcaggtc cctctgaggc      120
aggctacacc ccacagtgat gacagacttg gcaggttctg cagtaacacg gtcttctt      178
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<210> 2858

<211> 382

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (132)..(132)

<223> n=unknown

<220>

<221> misc_feature

<222> (248)..(335)

<223> n=unknown

<400> 2858

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cccatctgcc tcagtgaag ccaggtttct gaggaacaag aagagatggg agggcaaagc      120
agcgcggccc angccacggc cagtgtgaat gcagaggaga tcaaggtagc ccgtattcat      180
gagtgtcagt ggggtggtgga ggatgctcca aacccggatg tctgctgtc acacaaagat      240
gacgtgangn agggagaagg tggtcaggag agtttcccag agctgccctc agaggagtga      300
aagggacaat ttggctgaag tctttctctg aaaaanagcca aagggttata ggggtacact      360
taggggttgc atgcaagctg tt                                          382
```

<210> 2859

<211> 586

<212> DNA

<213> homo sapiens

<400> 2859

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aatgtttggt taattgacgg gttttaagct cgataactta gctaagccct ttgcacagtc      60
taagcctaatt ttggaatgct ttcagtctta cccaggccaa taaaattttc ttgcctcatc      120
tgaatttcct gcaaattgta ttaattaata agaatcatca agattaatta ataagaaatt      180
gatagcagga tgagtaacag gccagacag tccacagat cacaccttcc accctccatt      240
tccgcttagc ttctcttgaa tctattgggc atgattgcct ctgtgggggc tacagccagc      300
acgggtgact gttcatgacc taccctctct tgcagtctga ctgtggacaa atgccgagtc      360
cttaagagat ggtgaagtag gcatagtaga tagtaaaggt agacttacag tatacatttg      420
cattctcaaa caaaattaaa aagccttaaa gtgcacaaga agattgcaca attgaaaagt      480
gcagagtata ctcaaaactg tcactctact gttttctcag tcttccttgg caatactatt      540
ccctctcag acatcctcag ctccctctca cccaagtat gccatt                                          586
```

<210> 2860
 <211> 143
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (141)..(141)
 <223> n=unknown

<400> 2860
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 agctaaatcc ccagaaaaag ctccactggg aggagtgata ctagtccacc ttattattcc 120
 aggtcttaat gaaactactg naa 143

<210> 2861
 <211> 372
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (17)..(361)
 <223> n=unknown

<400> 2861
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 gananaattg caacaacgtg gcnccgtgtc atgcnaanca caaaaaacat ttncaataaa 120
 actttgtact atctttactt aaacatctga acagcatctc aatatgtacc ttattctatt 180
 ctatagagta cagttattaa taacttttag nccccgtg tgataatttt aacatctcna 240
 gcagttctgg nttgactttg attgaacagt ttctctcat tatgggtcct atggncctgc 300
 cnacttngca ttctgntaa cttctgattg ggtgccagac agcaagactt ttacnngant 360

nggtgccgga ca

372

<210> 2862

<211> 313

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (29)..(311)

<223> n=unknown

<400> 2862

caatttaaacc accagtcctcg aaatttggnt cttcnttctn ttngaattctc tcaaacggca 60

acattcctca gaaaccaaag ctttatttca aatctcttcc ntccctgggt ggttccatct 120

agtaccagag gcctnttttn ctgaagaant ncaatcctng ccctcatttt aattatgtac 180

atctgtttgt agccacaagc ctgaatttnt cagtgttng taagtttntt tacctaccc 240

tcaantatat atnattctcn gagnttaaaa ccataaagg agtgnttttag accagtcant 300

taattttcaa nct 313

<210> 2863

<211> 423

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (86)..(86)

<223> n=unknown

<220>

<221> misc_feature

<222> (230)..(420)

<223> n=unknown

<400> 2863

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atccagggttc agggccttca gggggntctt ttcattttct cccacaggcc tctctttctt     120
tctaggttgc tggggagaaa tgggtaccct atgatcccc tccccttctc ctccagtaaa     180
tacctggaag agggaacctg aatccctggg ggagacagaa ggggcagggn gcaccagcct     240
ccccttcttg tggtgagact gaatttgggc tcagacacca gcaanagcct cttgggatgc     300
cctgagttgc ttcccanttc ctctttctag ccgtcctttt cnagtgtgtg ctcagtcttc     360
ctagganctt ttaagacttn ttggtactat gaaataggtc tcccctnaac ccaactctan     420
gtt                                                                    423
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<210> 2864

<211> 648

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (138)..(312)

<223> n=unknown

<220>

<221> misc_feature

<222> (415)..(621)

<223> n=unknown

<400> 2864

```
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cacatacaca ggcatgccac atgacccagt tgaggtggtt gtctccttga gtctgttgac     120
acgtcacatg gtcaaagnct cctcatttca nncagtctca acacaaaaca cccaacangg     180
```

atgcactcaa cttgttnggt tccatgtggn actaggtggc agggcgagag ggaaagtagt	240
acaagggggc tatggtgtgt cttcattcag tcccctcaca taaagcacat ggattagggg	300
ggtatccaag antcttgttg ggtccgtggt gcacctaaga cattataggt cagagcaagt	360
tgtcagaggg ttccaggcag ggggcttggg acaaggcata ctctaaaaca gcacnaaact	420
tgcattcata cacnggtgcc cctgcttggg ggctaagact ggcaaaangc tggaaagaca	480
acccaagctt gaaagggaac caactcaaga cttacttggg ggaataactt ggaagtcaact	540
gtttgatgtg actggggact cactctagna acgggggtccc tctgacaagt tttggcaaag	600
tgctggtagt actgacatta ntactcacia attggtacaa actcctct	648

<210> 2865

<211> 552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (263)..(263)

<223> n=unknown

<220>

<221> misc_feature

<222> (364)..(364)

<223> n=unknown

<400> 2865

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cccagcagat agtttaccat gggctgggtc cccaactggg ggaatctggt gactcagaga	180
gcactgtgca cggagagggc tcagcagatg tgcaccaggc cactcacagt catacctcgg	240
gtagacaaac cgttatgact ganaagagca ccttccaaag tgctgtttct gaatctcccc	300
aggaggatag tgcaggggac acatcagggg cagaaatgac atcgggtggt agcagatcct	360
ttangcacat tcgactaggt cctacagaaa cggaaacctc tgaacacatt gccatccgtg	420

gacccgtgtc cagaacattt gtgcttgctg gttcagcggg ctccctgagc taggcaatta 480
gcagacagca gcagaacgct aaggcacatt gcaccagggc ccaaagaaat tcgttacttt 540
cagatgggtg tg 552

<210> 2866

<211> 548

<212> DNA

<213> homo sapiens

<400> 2866

acatttccca ttgtagggaa caggagttaa gcaaaatcag cttcttagat gatgtcattc 60
taaataataca tcttaaacia acaatatcaa aaccaccagt aggaaactga aaaacactca 120
gtgagtactg ttttgtctca gtaacaataa atacaaaaag actgggttggtg ttccggcccc 180
atccaaccac gaagttgatt tctcttggtg gcagagtgtg tgattttaaa ggacatggag 240
cttgtcacia tgtcacaatg tcacagtgtg aagggcacac tctctccgc gtgattcaca 300
tttagcaacc aacaatagct catgagtcca tacttgtaaa tacttttggc agaatacttc 360
ttgaaacttg cagatgataa ttaagatcca agatatttcc caaagtaaat agaagtgggt 420
cataatatta attacctgtt cacatcagct tccatttaca agtcatgagc ccagacactg 480
acatcaaaac tgagcccact tagactcctc accaccagtc tggctctgtc atcagacagg 540
aggctgtc 548

<210> 2867

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (252) .. (427)

<223> n=unknown

<400> 2867

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tttaattctca tattttacaga gtttagttaa ttctaattag ctttgttgga ggtcataaac      120
cacattatta accttgaacc gactctgtgt ttacttgagt tcctctgcat aatagcatgt      180
caccaccatc ataaacatgt tgggtattgca ttatgcttct agaggagaca tccaccaata      240
tttgaaaatc tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnngcctttt aaaaaaaaga      360
aaganaatag agaaaatctt aacttatatt tacttactgt atgttgtgat tagtttaata      420
gaaggnggtt aatccttaat aattaagtta g                                         451

```

<210> 2868

<211> 313

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (16)..(189)

<223> n=unknown

<220>

<221> misc_feature

<222> (295)..(295)

<223> n=unknown

<400> 2868

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agaaggctga ggaggngcgg gacgaggaag aggacaaacn gnggaagggg gaagaagtca      60
cgcccatctc ggccatccgg cacgagggaa agactgacag tnagcgcacg gacaccgcag      120
ccgacgggga gaccaccgcc actgaggagc tagaaaaaac tcaagatgac ctgatgaaac      180
ntcnaaccna cattagcgag ctgaaaagaa ctttcttaga aacctcaaca gacactgccg      240
taacgaatga atgggagaag aggtttccac ctccccctg cgactggccg ccagnaggag      300
gatgccccca tga                                                             313

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<210> 2869
<211> 524
<212> DNA
<213> homo sapiens

<400> 2869
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gctatttata actaacacta aatagtttta attacagtgg aaattctgta cagtttaagg 120
cttggctctg aactagaatg taaatatgga ccagatttga aaataaaaca ctttcttttc 180
aagtaaaaga agaaaaatca attaaaaaat acacggcacg gaaaaagtaa ctaagaaaac 240
aaagccacag gaagcccagc agtttctcct gaagtgaaat ttcataatat tgtaaaactaa 300
caaaaataca ggttttcttc ccaaaataat gacaatttaa gctctctgga ttgaacacag 360
accaaagcaa acaacaagga agaaatcgca ttaatatgct aaaatcagta ctaccttata 420
acaaattaaa tgagatacac aaagcaagat tgggaagcct ttacatattt tcccagaggg 480
tcagagagtc attactggtt atgggggtgga gagtaattaa aacc 524

<210> 2870
<211> 470
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (114)..(114)
<223> n=unknown

<220>
<221> misc_feature
<222> (391)..(391)
<223> n=unknown

<400> 2870

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gactctttta atgctaattg ctagtacgtt taaacaaaac agcagttctt cctngctgca	120
atattcccat tgaccactta aatgaccata agtggtcatt taagaacatg ttagggtag	180
ccctgatctg aatataaaag tgagaaaagg gctacagtgc atttcttggg aacttaaact	240
gagtcttgaa gttataatga tccattcgag ttctgtgatc cttattgttc ttaattgtgt	300
ttctctacgt attggttacag atgagccata cgtttctttg tatcaatgta gacatgactt	360
cagatactct gaggactacc cagcagtcta ngaccctggg gccaaagtgt gggactatgg	420
gactaaatcc agtagatggg ctgtgtagca actctcccag gggacacact	470

<210> 2871

<211> 444

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (123)..(123)

<223> n=unknown

<220>

<221> misc_feature

<222> (289)..(439)

<223> n=unknown

<400> 2871

tcaacaccac tcaatgatct aacagcttcc taaatccaac ttcattcttt ttgcagttta	60
agcccagttt caaataaggc atcactggga tggataaaga aaacactgag atgggggata	120
ganacattaa aaagcagaaa aactaagcaa aatctaaatc ctgtcaattg gatgtttacc	180
atttcacact gaaatctttc cctgaataga ccagggacat cactgcctcc tgctcagatc	240
tcaaagcttc aacatgctcc acaaagcacc tcctaagta ccctagtngg ttcccnggga	300
gagttgctac acagcccata tactggatnt agtaccatag tcccngcact tggccccagg	360
gtcctngact gctgggtagg tccctcagng tatctgaagt cangtctaca ttgntacaaa	420

gaaacgtatg ggctcatcng taac

444

<210> 2872

<211> 441

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (382)..(382)

<223> n=unknown

<400> 2872

caggcagttg tagccggggg cegtgttctc acaccggtgc tctccattgt gggtgaagca 60

ggcatcaggc acttctttgc actatggagg aaataagagc gtgcatcatg tttagaagtc 120

actgccataa ggaagcgact gcacagggtta gctgctttcc tagatccaga aactcggagc 180

cccatcagtt cctcacctca tcaacatctg tgcactggat gccatttcca ctgtaaccag 240

ggggacaagc accacatttc cagctgccat cagggtagct agtacacttc acgccggcaa 300

agcagggatt ggacaggcat ccatctgaga caaggagaga gagacagtcā cagtaaattgg 360

ttgggtctaag ctgccatact gnccatgctg ggcattaaca cagtgtgaaga tattataggg 420

tataggaac cgataacttg t 441

<210> 2873

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (245)..(245)

<223> n=unknown

<220>

<221> misc_feature

<222> (389)..(389)

<223> n=unknown

<400> 2873

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tgattgctca tgagctggcc caccagtggg tcgggaacct ggtgaccata gagtgggtga     180
atgacctgtg gctgaacgag ggcttcgcct cctacgtgga gtacctgggt gctgactatg     240
cgganccacc tggaacttga aagacctcat ggtgctgaat gatgtgtacc gcgtgatggc     300
agtggatgca ctggcctcct cccaaccgct gtccacaacc gcctcggaga tcaaacgcc      360
ggccccagat cagtgaactg tttgacgcna tctcctaaca gcaaaggcgc ctcagtctca     420
ggatgtctc                                     429
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<210> 2874

<211> 556

<212> DNA

<213> homo sapiens

<400> 2874

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caatttcatt gttgtagca tatctatttc tccatacatt gtaaaactgt aatccttagg      60
tatttctaaa acataaagag gagaattaag tcagctgcag aacaatgggg ctgattcttc     120
tgctttttct ctggaaaatc tttcattgct tttggtggaa atttacctag aggttacaac     180
cacaggatgt agcttgggtc cttatttgcc tttttgggaa accaattaag attaatacag     240
gataaaggaa aaaagcaatc tattcattat ataacacagt tgtttgtatt acttgttccc     300
tgcaaaggaa atctgttgaa tgcttgcatt ttgaattctt ttctaataga acaacaaaaa     360
aaggcttctt atggtgcagc aggaaaaaag atcattttta tagctttgca tcttaacata     420
gcatttaaag agcggcatga attagaggaa agacatggaa cacacaggta gtcggtttga     480
gatccatcgg cttaaaagta tcctagggat gggaatgacc cagaagtatt ttccagttgt     540
ctagtgggtg tgggtat                                     556
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<210> 2875
 <211> 476
 <212> DNA
 <213> homo sapiens

<400> 2875
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 agaatagcta aataacctgg gcttatttta aagaactatt tgtagctcag attgggttttc 120
 ctatggctaa aataagtgt tcttgtgaaa attaaataaa acagttaatt caaagccttg 180
 atatatgtta ccactaacia tcatactaaa tatattttga agtaciaaagt ttgacatgct 240
 ctagaatgac aacccaaatg tgtcttacaa aacacgttcc taacaaggta tgcttttacac 300
 taccaatgca gaaactgtgt tgttttcttc tctaaaaaac cagggatgtg tccaaaatga 360
 taaattattc ctaagattaa agtgggcaat ggctccagat ttcccatct taccagttct 420
 ggggattcac tctggccctc ctagaagact gagggggaat atgcggtact tacatg 476

<210> 2876
 <211> 509
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (462)..(500)
 <223> n=unknown

<400> 2876
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 gtcacctcct gcagagactg acccaacccc ttctcctgcc agggctctgac tgcgtacat 120
 gatattctcc tggacaagtg ctatgtcatc gaactcaaca ccaccattgt gctgccccct 180
 cgcaacttct gggagctcct catgaacgtg aagaggggga cctacctgcc gcagacgtac 240
 atcatccagg aggagatggg ggtcacggag catgtcagtg acaaggaggc cctgggggtcc 300
 ttcatctacc acctgtgcaa cgggaaagac acctaccggc tccggcgccg ggcaacgcgg 360

aggcgtgagt ggctggcttc acccacagta gcccctgtcc cgtgcccaga ccacagttat	420
ttcacgccta gcccagtgtc agagagtcag atagcagcag antaacagct agcattagca	480
gagacttccg tgtgccgggn atgctgtgt	509

<210> 2877

<211> 355

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (48)..(48)

<223> n=unknown

<220>

<221> misc_feature

<222> (187)..(342)

<223> n=unknown

<400> 2877

gagctgctca gttaggaccc agaggggaacc atggaaaccc cagcgcantt ctcttctctc	60
tgctactctg gctcccagat gtctccgagg aggtgaagtt gacgcagtct ccagcctctc	120
tgctcttctc tctaggggag agagccaccc tgcctgtca agccagtga aatcttaagc	180
gcgtctnnnn agnctggnat cannagangn ntgnccaggc tccnatactg gtncctcttg	240
caangtcnac cagggcngna ggntcccaga cangttcaat ggnagtnggt ctgggacaga	300
cttcactctn aacatcgana gantgnagcn tnaagatttn gngatttact tctgt	355

<210> 2878

<211> 573

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (13)..(112)

<223> n=unknown

<400> 2878

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gtaggtcccc tgtggaaaaa gggtcagang ccaaaggatg ggaggngntc angctggaac      120
tgaggagcag gtgggggcac ttctccctct aacactctcc cctgttgaag ctctttgtga      180
cgggcgagct caggccctga tgggtgactt cgcaggcgta gactttgtgt ttctcgtagt      240
ctgctttgct cagcgtcagg gtgctgctga ggctgtaggt gctgtccttg ctgtcctgct      300
ctgtgacact ctctggggag ttacccgatt ggaggcggtt atccaccttc cactgtactt      360
tggcctctct gggatagaag ttattcagca ggcacacaac agaggcagtt ccagatttca      420
actgctcatc agatggcggg aagatgaaga cagatgggtgc agccacagtt cgtttgatct      480
ccaacttggt tccctggcca aaaatgaaaa gaggtgaacg accataatat tgacagaagt      540
aaatcgcaaa atcttcaggc tgcagtctgt cga                                     573
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<210> 2879

<211> 244

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (19)..(234)

<223> n=unknown

<400> 2879

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ggnagnctnt tttctcttag anaaatchnaa cntgcaagcc gtgaagtcag gnatagctga      120
acccttgga taagcacacg ctttgggctt ctttaaagcg agcctnttnn tcaagn cnt      180
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ttcctttgct ggnatgaggg gagggntgtg cctgncaggg ctagcacctg gganggacgc 240
 tgac 244

<210> 2880

<211> 259

<212> DNA

<213> homo sapiens

<400> 2880
 aaccagtgtc agcccaagac taccocgtcg gtcattctgt tectgcccgc ctgtgaggag 60
 cccaagccaa caaggccaca ctggtgtgtc tcatgaataa ctttatccgg gaatcttgat 120
 ggtgacctgg aaggcagatg gtaccctcat caccagagc gtggagaaga ccacgccctc 180
 caaacagagc aacagcaagt acatggccag cagtacctga gcctgacgcc cgagcagtgg 240
 aggtccgcag aagtacagt 259

<210> 2881

<211> 407

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (33) .. (387)

<223> n=unknown

<400> 2881
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 gtnngggctg gnaccnatga acattctgca ggggccactg antnctccac ggngctcact 120
 tcttgacata acctggcagc tgtagcttct gcgggacctc cactgctcgg gcgtnaggct 180
 caggtagctg gctggccatn tacttgctgt ngctntgntt ggagggcgctg gtcttctcna 240
 cgctctgggt gatgagggtg catntgcctt ccaggtnanc atcaagattn ccggataaag 300
 ntattcatga gacacaccag tgtngccttg ttggcttggg gctactcaca ngacggcagn 360
 aacagaatga ccganngggt agtcttnggc tgacactggt tctcgag 407

<210> 2882
 <211> 435
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (388)..(413)
 <223> n=unknown

<400> 2882
 agaaccagc attgcagcag ctccaccatg gcctgggctc ctctgctcct caccctcctc 60
 agtctcctca cagggtccct ctcccagcct gtactgactc agccaccttc tgcatacagc 120
 tccttgggag cctcgggtcac actcacctgc accctgagca gcggcttcga taattataaa 180
 gtggactggg tccagcagag accagggaag ggcccccggt ttgtgatgcg agtgggcact 240
 ggtgggattg tgggatcaag gggggatggc atccctgatc gcttctcagt cttgggctca 300
 ggctgtatc ggtacctgac catcaagaac atccaggaag aggatgagag tgactactac 360
 tgtgggacag accatggcag agggagcnac ttcgtggtat tcggcggaag gancaagctg 420
 accgtcctag gtcag 435

<210> 2883
 <211> 499
 <212> DNA
 <213> homo sapiens

<400> 2883
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 agctctagtc tcccgtgggtg ggggggtgagg gttgagaacc tatgaacatt ctgtaggggc 120
 cactgtcttc tccacggtgc tcccttcattg cgtgacctgg cagctgtagc ttctgtggga 180
 cttccactgc tcaggcgtca ggctcagata gctgctggcc gcgtacttgt tgttgctttg 240
 tttggagggt gtgggtggtct ccactcccgc cttgacgggg ctgctatctg ccttccaggc 300

cactgtcacg gctccccgggt agaagtcact tatgagacac accagtgtgg ccttggtggc 360
 ttgaagctcc tcagaggagg gcgggaacag agtgaccgag ggggcagcct tgggctgacc 420
 taggacggtc agcttggtcc ctccgccgaa taccacgaat tgctccctct gccatggtct 480
 gtcccacagt agtagtcac 499

<210> 2884

<211> 476

<212> DNA

<213> homo sapiens

<400> 2884
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 acagcactgc cttggtgtgt gacaatggct ctgggctctg taaggccggc tttgctgggg 120
 acgatgtccc cagggctggt ttcccatcca ttgtgggacg tcccagacat cagggggtga 180
 tgggtgggaat gggacaaaaa gacagctacg tgggtgacga agcacagagc aaaagaggaa 240
 tcctgaccct gaagtaccg atagaacatg gcatcatcac caactgggac gacatggaaa 300
 agatctggca ccactctttc tacaatgagc ttcgtgttgc ccctgaagag catcccaccc 360
 tgctcacgga ggcaccctg aaccccaagg ccaaccggga gaaaatgact caaattatgt 420
 ttgagacttt tcaatgtccc agccatgtat gtggctatcc aggcggtgct gtctct 476

<210> 2885

<211> 341

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (285)..(285)

<223> n=unknown

<400> 2885
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gcggtggaca atggaaggcc cggcttcacg gtattcctgt ttgctgatcc acatctgctg 180
gaaggtggac agagaggcca ggatggagcc accgatccag acagagtatt tgcgctccgg 240
aggggcaatg atcttgatct tcatgggtgct gggtgctagg gccngatct ccttctgcat 300
tcggtcggca atgccagggt acatagtggg gccccctgat a 341

<210> 2886

<211> 360

<212> DNA

<213> homo sapiens

<400> 2886
gcctgcgag ggcaggagca gctggcccac tggcggcccg caacactccg tctcaccctc 60
tgggcccact gcatttagag gagggccgct tgtgaggcca ctaccctcc agcaactggg 120
aggtgggact gtcagaagct ggcccagggt ggtggtcagc tgggtcaggg acctacggca 180
cctgctggac cacctcgct tctccatcga agcagggaag tgggagcctc gagccctcgg 240
gtggaagctg accccaagcc acccttcacc tggacaggat gagagtgtca ggtgtgcttc 300
gcctcctggc cctcatcttt gccatagtca cgacatggat gtttattcga agctacatga 360

<210> 2887

<211> 297

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (194)..(281)

<223> n=unknown

<400> 2887
ggcagtttgt ccttcctcag gaccagccgt cagcagtccc tgacgaaagc acccattct 60
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tgtgggaggg ttctgtttcc gaggaggaga ggcgcgacac agcgtgcaag gacctgcagc 180

accttccacg cagnnnnnnn nnnnnnnnnn nnnnnnnncc tgccgggctc tgactcctaa 240
 gtcaggcagg agctttcttca ggccccctggc tnaggaagag ncacagccac cctaaaa 297

<210> 2888

<211> 631

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (427)..(427)

<223> n=unknown

<220>

<221> misc_feature

<222> (602)..(602)

<223> n=unknown

<400> 2888

ggtgggacca cagatacagc caccatcttg tccaaccagc acgagaagga cagcgggtgtg 60
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 gacgccaccg catcctccaa cccgctggcg gggcagagga agctcacctg cagccaggac 180
 accttgggca gcggcgacct gcccttcagc aacgagtctt tcatttcggc cgactgcacg 240
 gacgccgact acctggggat cccggtggac gagtgcgagc gcttcgcga gctcctggag 300
 ctcaagtgcc aggtgaagag cgccaccctt tacggcctgt actaccctag cgccccctg 360
 gacgccggca agagtgacct tgagagcgtg gacaaggagc tggagctgct gaacgaagag 420
 tgcgcanatt cgagctggag tgcctgagca tcgtgcgcgc ccacaagatg cagcagtcaa 480
 ggagcagtac cgcgagtcct ggatgtgcac aacagcggct tccgcaacta caacaccagc 540
 attcgacgtg cgcagacacg agctcttcag atattcacg agctcccga gaaattccga 600
 cnaaggacag cttcgagcgg cttacaacac a 631

<210> 2889

<211> 524

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (253)..(253)

<223> n=unknown

<220>

<221> misc_feature

<222> (443)..(508)

<223> n=unknown

<400> 2889

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cctgtacatg caaattcttt caatgggctg caatatttgc aaacatgctt taaacttcca      180
taaagatgca agatattttg ctttctgcta aaacctttac actctcttgg gaaccttaac      240
caggaaaatg ttnaaatgta tatcccaact ctaaaacgctg ccggtttggt tatatgtatt      300
aatcggttaa ccaccgggtt ggggtggttt gagttgaaac cttcacctaa atgataatat      360
cttaacggtc acgcatatga aacacattca gtaacgtacc attataaaat agggttccat      420
taaaaataca tactggcagt tgnntttgtg ttttaggcag gaaaaaaagc gggtttaact      480
tttttatntg agnatagttt aaacaagnta ttctgtgaaa gtat                          524
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<210> 2890

<211> 464

<212> DNA

<213> homo sapiens

<400> 2890

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cagtgaataa tcagaagtca gtttgggaga agtcaaaatg gacacaatct tcttgggag      60
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tcttctattg ctgttttttg gaagtcaagc ctcaagatgc tcagctcaaa aaaataccga	120
atttgcagtg gatctttatc aagaggtttc cttatctcat aaggacaaca ttatatatttc	180
accccttgga ataacttttg ttcttgagat ggtacaactg ggagccaaag gaaaagcaca	240
gcagcagata agacaaactt taaaacaaca ggaaacctca gctggggaag aattttttgt	300
actgaagtca tttttctctg ccatctcaga gaaaaaaca gaatttacat ttaatcttgc	360
caatgccctc taccttcaag aaggattcac tgtgaaagaa cagtatctcc atggcaacaa	420
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<210> 2891

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (19)..(391)

<223> n=unknown

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aggctgtgct ttccattcac agtnaatcta aatctcttcc ttttatctcc tgggtgtcag	180
gatttgtcac tcttcccata aacagaattg atnctgttgg attatgcttc atantaaaca	240
gaaatggatg atttgctata aatnggcttt gngccagact catgatcaca gggatgtgtn	300
tgccagttga tgttgcngct tcactaccat cttcatntat ctcaaagnaa acttttttgcg	360
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<210> 2892

<211> 376

<212> DNA

<213> homo sapiens

<220>

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<222> (283) .. (333)

<223> n=unknown

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ctctctcttc cttcttttgca gaggctctct caccagtcag tgcaccccca gtgcctgtgg 180
gcattccccc ctcgcccagg caagaatcag cctcatcatc ttattttgtg gcaccaaggc 240
caaagttctc agccaagaaa agtggtgtca caattcaggt gtngaaacca tctgttgtgg 300
aagagtaatc ttgtagctga agctgagtggt ccttttgctt gaaatgaaat gggtgcagtg 360
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<210> 2893

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (428) .. (429)

<223> n=unknown

<400> 2893
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gctatgtatt ggtacaagca aagtgtctag aagccactgg agctcatggt tgtctacagt 300
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<210> 2894

<211> 439

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (251)..(267)

<223> n=unknown

<220>

<221> misc_feature

<222> (434)..(434)

<223> n=unknown

<400> 2894

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 gagaatcctg ggtgaggatg aagaatgacc tgggatgggt ttggagctag cctctggaat 180
 cctttctctt gaccatggcc atcagcacga gggcactgac cagcacggca tacaaggtgg 240
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 cggaggtgaa gccacagtct gctctacccc aggctcggc gctgacgac tgggtgacag 360
 gtttgccct atcctgggtc cactcgatcat tctccgagag cccgtagaac tggacttgac 420
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<210> 2895

<211> 277

<212> DNA

<213> homo sapiens

<400> 2895
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tgtgtcacag actgggggac tggagaatat tacattagag cctttgattt gtggggccga 180
gggacaatgg tcaccgtctc ttcagcatcc ccgaccagcc cccaaggtct tcccgtgag 240
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<210> 2896

<211> 396

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (222)..(222)

<223> n=unknown

<220>

<221> misc_feature

<222> (357)..(389)

<223> n=unknown

<400> 2896
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cgtggccac catgcaggag aaggtgtccc ccttcttcca gtcctcggct gccacgcgca 180
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tcaggtactt ctgcggggc agctcctgtg acccctgcag ccagcgaacc agcacgtcct 300
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ccgacggcgg ctggcagcag gtggaccnng ggccgg 396

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 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (93)..(363)
 <223> n=unknown

<400> 2897
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 ctggagagtg tttccaactt cctganggac tttctgcana aggaccggnn tgacgtcaat 180
 gtggagatcg tttttcttca cancattctcc cccaacctgg ancttnaagc tctgttcaaa 240
 cgacatttta ctcnngtgga attttatcag ggntcngncc tcaatccaca tgatnttgca 300
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 cgnatgc 367

<210> 2898
 <211> 72
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (31)..(66)
 <223> n=unknown

<400> 2898
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 atttgncatt tt 72

<210> 2899
 <211> 329
 <212> DNA
 <213> homo sapiens

<400> 2899
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 acagaaactt ggtaaaatac aacttgtgaa caaaaattga aacattaatt tttctcccta 120
 cattttccat ccagaatcag gcaactattc atgggtgttc acattgttat gaaaatagtt 180
 atttgcataa gttcaataag aatctgctct gtttataaca ggatacattt aaaaatactg 240
 gttatattac caaggctttg gctgggatgt catatttgga aatatacata gaatgaaccc 300
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<210> 2900
 <211> 208
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (191)..(196)
 <223> n=unknown

<400> 2900
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 ctgattgggt aatttcagaa tacttcatat tacttttttc taagagttaa agcagaaagg 180
 actttcttac ngngcngacg cagacagc 208

<210> 2901
 <211> 419
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (386)..(386)

<223> n=unknown

<400> 2901

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acactgtgtg tcaggaatcc tgaaatataa gtctctatat ctcccagagg atacttcaca	180
catcatcacc aaagatacca gataaaacct ctgaaaagca cagacgagaa agaacatgcc	240
gtctttacat ctaaccagga ggaacaagac ccagctaacc acacatgtgg tgtgaagagc	300
actgacggga aacaaggccc aattcgaatc tctagatcac tcaaaagccc agaggtgaat	360
acaattccct tacctcatca ttacntcaa ttgtctcagc aaagataggc aatatacta	419

<210> 2902

<211> 490

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (65)..(65)

<223> n=unknown

<400> 2902

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cgccgcagga cccggcactg caaggcgtag gacagcccac aggaactgga agcataagaa	180
agaagcgatt tgtgtccagt caccgctatg tggaaaccat gcttgtggca gaccagtcga	240
tggcagaatt ccacggcagt ggttctaaag cattaccttc tcacgttggt ttcgggtggca	300

gccagattgt acaaacaccc cagcattcgt aattcagtta gcctgggtggt ggtgaagatc	360
ttgggtcatcc acgatgaaca gaagggggccg gaagtgacct ccaatgctgc cctcactctg	420
cggaactttt gcaactgggc agaagcagca caaccaccc agtgaccggg atgcagagca	480
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<210> 2903

<211> 524

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (461)..(515)

<223> n=unknown

<400> 2903

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aaggaacacc caaaccaata cttataaagt acatgtaatt tatagtaaca tattttacta	180
tatacatatg gaaaaaatca tattctcaca gaagagctga acagacattc accaggatac	240
gactgttggg caagctgctg gagatggacc tgctaccctc cagcagcctc cccaccacaa	300
gacaagtgat ctcaatgtcc ccaaacctgt gggaccctgt tctacacacc tcatttttgt	360
tccggcggtt catcctcctt gtgtgattgt actgattttc atgagacaca agttacttct	420
ttacatccat attccccaaa gcaggggtac atggtaggga nagaaaggaa gttgggaggg	480
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<210> 2904

<211> 433

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (13)..(108)

<223> n=unknown

<220>

<221> misc_feature

<222> (214)..(214)

<223> n=unknown

<220>

<221> misc_feature

<222> (349)..(398)

<223> n=unknown

<400> 2904

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aacatgttga ttctatagtt gaattctgta cagaacaaaa ccacaacnaa gaagctccaa 120

acaagcaaaa tcaaaaatgc aatctccgaa gcacatggga agtgatccgt gattctgagg 180

actttaagaa aaccactcct atgacaacac agnaccaaaa tcccaccttc tcattgctgc 240

agattggaca aagaattgtg tgtttagtcc ttgacaaatc tggaagcatg gcgactggta 300

accgcctcaa tcgactgaat caagcaggcc agcttttcct gctgcagana gttgagctgg 360

ggtcctgggt tgggatgggt acatttgaca gtntgcncna tgtaccaaag tgaactcata 420

cagataaaac agt 433

<210> 2905

<211> 303

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (26)..(279)

<223> n=unknown

<400> 2905

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gaaggcattg tcgttgcaat cgaccncaat gtgccagaag atgaaacact cattacaacc	180
aaataaagga catggtgacc caggcatctc ngatatctgtt tgaagctaca ggaaagcgat	240
tttattttcaa acaatgttgn catttttgatt cctgaaacnt ggaagacaaa ggctgactat	300
gtg	303

<210> 2906

<211> 446

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (243)..(243)

<223> n=unknown

<220>

<221> misc_feature

<222> (358)..(361)

<223> n=unknown

<400> 2906

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aatggtgctg ttgatatgaa tattaggaca aggagcagac gtttcatcag gactaggtgt	120
ctctggcgga gtctgtggag gaataaacaa agatactcgt gcaatgttgg atattttctga	180
tttcagatcg accttatcaa cagcctgaat agcaatgaaa agatctgtgc cattttcaaa	240
agnaatgttt tctggtttta acaaaaagac ttcctcagag ttggcttcct ttgggatgag	300

agcagtagta ttcacttgaa gagattcatt gaacttgtct ctgagatcaa gaatactncc	360
ncttattcga atgatatact tgtgagctgt tccatgggtca taatcatccc caggagctgt	420
ccaagtcaga ttaatgagac tgcccc	446

<210> 2907

<211> 73

<212> DNA

<213> homo sapiens

<400> 2907	
gcctcattga tgcttttggg gccctttcat caggaaatgg agctgtctct cagegctcca	60
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<210> 2908

<211> 552

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (530)..(530)

<223> n=unknown

<400> 2908	
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ttaggattcg ctgtatgaag gaagatggta agggatactg gaggactgg agtgaagaag	120
caagtgggat cacctatgaa gatagaccat ctaaagcacc aagtttctgg tataaaatag	180
atccatccca tactcaaggc tacagaactg tacaactcgt gtggaagaca ttgcctcctt	240
ttgaagccaa tggaaaaatc ttggattatg aagtgactct cacaagatgg aaatcacatt	300
tacaaaatta cacagttaat gccacaaaac tgacagtaaa tctcacaat gatcgctatc	360
tagcaaccct aacagtaaga aatcttggtg gcaaatcaga tgcagctggt ttaactatcc	420
ctgcctgtga ctttcaagct actcaccctg taatgggatc ttaaagcatt ccccaaagat	480
aacatgcttt gggtggaat gggactactc caaggggaat ctgtaaagan atatatactt	540

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552

<210> 2909

<211> 562

<212> DNA

<213> homo sapiens

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<223> n=unknown

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<222> (546)..(553)

<223> n=unknown

<400> 2909

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gaggtgacca ctgggcaata tgactctttg aaggatctgg aacattaggc cagatgtggt	180
ttttaattag gtctcgctta ttaaagcaga acagcactcc cagaagagtt gtcaatagga	240
atgctaagca aacaggcacg actatggctt caatttctcc ttgagcaaac tttggggtag	300
taaaagtgaa ttctggacca tccttcccac cttcatctgt gtatgctgcc attcgtacca	360
tgtacaatgt gtcactagtc aaagaggaca atgtatatc tgtgtgggaa gaatccacat	420
tcacagcagt ttcatttcca atgatggctc ataaaatata gtataattct gataaatcca	480
ttctgaacat caacaggaag ttgggtcccat ctaagacagt tcgttttccc tacttttttt	540
gtccgnacag tangtccttt gg	562

<210> 2910

<211> 289

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (62)..(135)

<223> n=unknown

<400> 2910

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ctggggatgc cagtngcgtg gaggccccga tgatgatccg cctggtgaat ggctcaggtc	180
cgcaçgaggg ccgcgtggaa gtgtaccacg accggcgctg gggcaccgtg tgtgacgacg	240
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<210> 2911

<211> 453

<212> DNA

<213> homo sapiens

<220>

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<222> (10)..(428)

<223> n=unknown

<400> 2911

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catttaagga gtggcaagca tattggaagc aagantgacn taggncnata tnggcttagt	180
tntcancag nngtggtgct gttcctacac ctgagagngg cccaggctctc tccccaaagca	240
ngntagtgct cacctgatat gacaggngat cgtgtatcnn aggcctatga ntntgngatn	300
nncccaaggt gangtgggtc tgcactcact tgctaccang tagctcccct agttctngna	360

cacgtntatg gccagttct gtcctcatg taaaaagcat aacacgatct ccctgtctcn 420
 angnngangg tgcagattgc agatttatgg aag 453

<210> 2912

<211> 453

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (155)..(157)

<223> n=unknown

<220>

<221> misc_feature

<222> (375)..(414)

<223> n=unknown

<400> 2912

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 gaccaggtgt gtgtgtgggg tgggcacatt gatctgggat cgggcctgag gtttgccagc 240
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 tgtacctgtg cacgttgga cttttattac tggggttttc taagaaagaa attgtattat 360
 ccaccagcaa tttcnagcag ttagttcctt ccatgatcca tccacnatcc atcnatccat 420
 tctccattcc ccatttttta aatccacgag tac 453

<210> 2913

<211> 612

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (442)..(462)

<223> n=unknown

<400> 2913

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agaagtataa actactgaca ttcatatggc tccacttcaa atatatgaat tgttcgacta      180
taaatatatt ttgaaataca tttgttttct aaagaaacgt aaaaaaaaaat gtgcacaaaa      240
atatatataa aaaaatgcct tgcaaaaagt taaaaatacc accaggacct tctgtggatc      300
gcatttatgc atggaaatgt caccttgcca acagtcttga ttggaacctg aaaccctgct      360
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ggcaatcaca aaaccagtc actcaaagcg agctctcaga tttaaaattg catttgattc      540
tgtaaagact tgtcttttgc gggtaagcag ggggaccatt acacatcccc aggagagggc      600
cagctccatt ct                                                                612
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<210> 2914

<211> 338

<212> DNA

<213> homo sapiens

<400> 2914

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ctgtccatcc agtcttcccc caaatgtatt gtggggaaat tccgcatgta tgttgcgtgc      180
tggaactcct atggcgtact tcgaaccagt cgaaaccag aaacagacac gtacattctc      240
ttcaatcctt ggtgtgaaga tgatgctgtg tatctggaca atgagaaaga aagagaagag      300
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<210> 2915

<211> 523

<212> DNA

<213> homo sapiens

<400> 2915

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aatttggaac tgacaaggcc agggagccga gcgtgggtgg caggtggcga gtgtccctgg      180
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cgtactgggt ctcacagctg ctcgggggga tgctcggggc tgccttggcc aaagcgggtga     480
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<210> 2916

<211> 399

<212> DNA

<213> homo sapiens

<400> 2916

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ctctcaagaa acacgctcgt gttgtggtgt ttgactgct ctctgggcag tgcgggcagc      180
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tgggcctctg ccctggcagg aaatgcagga actccctgt cctcagtctg ggacaggtga     360
gctgaggaca cctggagcag caggaatccc acgagctct                                399
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<210> 2917

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (504)..(504)

<223> n=unknown

<400> 2917

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cttccatgtc ttcagtggac caagatatta cgcatttgat cttattgctc agagagttac 60
cagagttgca agaggcaata aatggcttaa ctgtagatat ggctgaagca aaatcaaattg 120
tggctgtatc cactttcaga atgttgaagg gaagttcagc atgcattttc gttacattgt 180
gtcctgctta tacttttctc aatattaagt cattgtttcc catcactgta tccattctac 240
ctgtcctccg tgaaaatatg tttggaatat tccactattt gcagaggctt attcagttct 300
tacacattcc atcttacatt agtgattcca tcaaagagaa ggaaagtaag cctttttgtc 360
acctcaatat ttactatttc aatacttaca tatctgactt ctaggattta ttgttatatt 420
acttgccatc tgacttcata catccctcag tttcttaaaa tgtccatgga tatcttctac 480
atgcaattta gaactagatt tggntagaa 509
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<210> 2918

<211> 440

<212> DNA

<213> homo sapiens

<400> 2918

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tctaataaca gcaaataata cattataatg attttgatat ctggactcgc tagacttggt 60
cccataaatc ctatagttct taacaaaaaa acccatccgt tagcaaactt acacatctaa 120
gctcagttta atgcaactta atgagacatt gaattttatg cagctaacc c aagttatcta 180
tagtgtgtgc cctcctgagt accccaggaa atagaagtaa agaactgacg aacatcagat 240
ccaactggcc catttgggtt tggactctag gagagagcaa ggaggaggca ggagaggaag 300
tggtgggttct cttttggctg ctgtcctggg aagatgccca gtagtcctta gcaaggggtc 360
tacttctgca ttctgtgttg attcattttc atatgtgtag atgtactgtg tctagtacct 420
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catgtctagg gttgctgtaa

440

<210> 2919

<211> 337

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (279)..(335)

<223> n=unknown

<400> 2919

gcgaggggcg ccgggaactg gcgtgtggga ctccagacag gagaggctgc gccttccccg 60

caccgggacc ttcgcgacac accagatcct cgcccctggc tcgcgcgaaac gcacaggatg 120

accaccaccc tcgtgtctgc caccatcttc gacttgagcg aagttttatg caagggtaac 180

aagatgctca actatagtgc tcccagtgc ggggggttgcc tgctggacag aaaggcagtg 240

ggcaccctcg ctgggtggggg cttccctcgg aggcacant caccctgcca agctccaagt 300

tccaccagaa ccagctcctn agcaagcctc aaggntg 337

<210> 2920

<211> 272

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (166)..(166)

<223> n=unknown

<400> 2920

atagtaccat tattttaagc aataattaag caaattgaac tactgttttt gagctctact 60

tttcagcata tagatttacc taaaaaagta caaaccaagc acagtgggtgc aattttccag 120

gcactttcaa gttgcttatt tacaaatg taagcaccct gttggnacac atgaaaattt 180
 tgggtgctgag aagaaacact ccatgtatat caaatcttta aattttaaca tttgcacagc 240
 tccaaatatt cctgagaaag gtcagtctca tt 272

<210> 2921

<211> 478

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (368)..(472)

<223> n=unknown

<400> 2921

gtcaatacaa atgctcaggc ccactgggaa ttgaagggtg aattatatca aaccagcaaa 60
 tcacagcttc ctctactcac cgagctcttt ttggactcca aaaatgggtat ccctactatg 120
 cacgtcttaa taagaagggg cttataaatg cgtggacagc tgcagaaaaat gacagatggc 180
 cgtggattca gataaatttg caaaggaaaa tgagagttac tgggtgtgatt acccaaggag 240
 ccaagaggat tggaagccca gagtatataa aatcctacaa aattgcctac agtaatgatg 300
 gaaagacttg ggcaatgtac aaagtgaaag gcaccaatga agacatgggtg tttcgtggaa 360
 acattganaa caacactcca tatgctaact ctttcacacn ccccataaaa agctcagtat 420
 gtnagactct atccccaagt ttgtcggaga cattgcactt tgcgaatgga anttcttg 478

<210> 2922

<211> 267

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (147)..(261)

<223> n=unknown

<220>

<221> misc_feature

<222> (471)..(471)

<223> n=unknown

<400> 2922

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ggctctcacc gctgcccgc cggcccaccc ccacccgag ccatggacgc catcaagaag 120
aagatgcaga tgctgaagct ggacaangag aacgccatcg accgcgccga ncaggccgaa 180
gccgacaana agcaagctna ngaccgctgc aancagctgg aggaggagca gcaggccctc 240
cnagaagaag ctgaagggga nagagga 267
```

<210> 2923

<211> 332

<212> DNA

<213> homo sapiens

<400> 2923

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aggggatagg taaaggatga agccagtgcc agagtgggtg gtgggcatga tgggggctct 60
ccctaggctg ctcccagcct ggctgtgcaa tggtggcaat ttctgctcct cctgcctgct 120
cccctcccca tagagagaat ggaaaggaga ggagagaaga gagctgaggt ggccacgctg 180
gcgtggggct cagagggagg tgatgtcatt gagtgcgttg tccagttcct cgctaatggc 240
cttgtaacttc atcttctggg catagacttc atcttctagg tcatcgatgg ttttctccaa 300
ctttgccaca gacctctcgg caaactctgc tc 332
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<210> 2924

<211> 558

<212> DNA

<213> homo sapiens

<400> 2924
 ttttggtgcg agagaaacaa taggacggaa acgccgagga acccggtga ggcggcagca 60
 gagcatcctg gccagaacaa gccaaggagc caagacgaga gggacacacg gacaaacaac 120
 agacagaaga cgtactggcc gctggactcc gctgcctccc ccattctccc gccatctgcg 180
 cccggaggat gagcccagcc ttcagggcca tggatgtgga gccccgcgcc aaaggcgtcc 240
 ttctggagcc ctttgtccac caggtcgggg ggcactcatg cgtgctccgc ttcaatgaga 300
 caaccctgtg caagcccctg gtcccgaagg aacatcagtt ctacgagacc ctccctgctg 360
 agatgcgcaa attcactccc cagtacaaag gtgtgggtatc tgtgcgcttt gaagaagatg 420
 aagacaggaa cttgtgtcta atagcatatc cattgaaagg ggaccatgga attgtggaca 480
 ttgtagataa ttcagactgt gaacccaaaa gtaagctcct aagggtggaca acaaacaaaa 540
 aacatcatgt cttagaaa 558

<210> 2925

<211> 553

<212> DNA

<213> homo sapiens

<400> 2925
 aggggaagaaa gaggtatcat catcaaagt ggaatgtcga agaaatagtt aaaataaata 60
 aagactccaa gcacagctgg gactgggtca ggctggggct cacagaggcc actgcacatc 120
 agctccaggc tgcaggagcc accacctggc catactggct tcttccctga cgcagcacag 180
 ctgtgcctgg gacacagagt cgctctcaag tactggagca gctagcaagc tcaactccca 240
 ctctctcac ttatctctgt gacaatgtct atcaggctct ggagcccga gatatagcca 300
 gcatcctggc cctcatgcac cacggtgtcc tcgccataca gcctgcaggt ggtgtgtgca 360
 aagtcgatca tgcgcacatc tacagagctg gcgccgatgg gtttgtaggc ataggcacca 420
 gcagactcat cagctgattc ctctgacagg tcttccaaat cctcagcatc tgagtccagg 480
 accattcgg gccgtcctt gccatcataa atgaccagca gggagcttga gtagaagcgg 540
 taggactccc tgt 553

<210> 2926

<211> 510

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (471)..(471)

<223> n=unknown

<400> 2926

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cttattttat ttttaagctc aaactgctta agaatacctt aattccttaa agtgaaataa 60
ttttttgcaa aggggtttcc tcgatttgga gctttttttt tcttcaccg tcattttctaa 120
ctcttaaaac caactcagtt ccacatcaggt gatgttcaag aagatcaagt cttttgaggt 180
ggctctttaac gaccctgaaa aggtgtacgg cagtggcgag aaggtggctg gccgggtgat 240
agtggaggtg tgtgaagtta ctctgtgtcaa agccgttagg atcctggctt gcggagtggc 300
taaagtgctt tggatgcagg gatcccagca gtgcaaacag acttcggagt acctgcgcta 360
tgaagacacg cttcttctgg aagaccagcc aacaggtgag aatgagatgg tgatcatgag 420
acctggaac aaatatgagt acaagttcgg ctttgagctt cctcaggggc ntctgggaac 480
atccttcaaa ggaaaatatg ggtgtgtaga 510
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<210> 2927

<211> 581

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (530)..(530)

<223> n=unknown

<400> 2927

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ttttccaaa gttttggcca caatttcctt ttcatcttc ctagtttggt aaattggctc 60
ttctccacat gatacgtaag ttcaagggtc aaagttccta tcacaattta caaaaagcct 120
```

```

ccaaaaaacc ttgaaaagct tacgccagga ggccattttt acctgacccg aaactatcga 180
aaaggcctca attttcaagg agatctgaga aaatggatgg gcctgagttt ttctagttat 240
ttttaaaccc atccaacaaa caccctgtga tcacaacatg ggcgctggct gaggatgagt 300
ccgcatcctt taaggcccag gagattgcct gctgaccacc tcctacatta ggaagtcaga 360
ggctaagggtg gacccacact ccattgcaga gactgttgag tctctgaaaa agtgagtgtc 420
caggaagaga gacaaaaaga aacaagtagg taaagctgct tcttttcttc cacatgctca 480
ctgcacattg ttgttgagga tgcagggatc cacctcagta taagtcggtn gtggcatgaa 540
cttgaactca ggggctacat aaagataggg ctgtcttgag a 581

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<210> 2928

<211> 358

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (303)..(311)

<223> n=unknown

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<400> 2928
gaaccttgct ccgagagggg gtcctcgagg acgtcagcca agattccaga atgactacta 60
tcttgactta cccctttaa aatcttccca ctgcatcaaa atggggccctc agattttcca 120
taagacctct gagctgttcc tcccagctac gagctgcccc agctgtccag accaaaacga 180
agaagacgtt agccaaaccc aatataagga atgttggtgt ggtggatggt gttcgcactc 240
catttttgct gtctggcact tcatataaag acctgatgcc acatgatttg gctagagcag 300
cgnttacggg nttgttgcat cggaccagtg tccctaagga agtagttgat tatatcat 358

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<210> 2929

<211> 536

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (510)..(510)

<223> n=unknown

<400> 2929

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ttcttaatat tcctttgaaa ttccttatgg cgcacaggta gcgtagaaaa taactgcttc      60
acgctgactg tggtcctctt ggggtggggg taggggggtt cctggatgat tttcccatcg      120
tgatcaaaca ccagtcgagt cccaaccttc accgacgcgt ggcaggtaga aatggtgaca      180
tcgctcagtg cacacagtga gctcagagct tccccctgaa aaccgaaagt ttcaacttca      240
gttaggtcgg caaactcttg aatcttacat gtgtgatgtt tcagagctga aagagactgt      300
aaagtaagga ctaagatacc tcaagtgcc aacaacgga tatacatgat atctagtaac      360
tggttaaaaa aactgttttt gcgtttccca agacagtgtt actcaaaatt ctgagacatg      420
tggcccaatt attttataat aggattagaa aaagtcaact tacttaagcc ttcaaagttt      480
tcttcttcta ccccatatcc attgtctgan acttcaatga gatccactcc atagtc      536
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<210> 2930

<211> 488

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (212)..(212)

<223> n=unknown

<400> 2930

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gcaagaacat gaaacacctg tggttcttcc tctgctggt ggcagctccc agatgggtcc      60
tgtcccaact acacctgcag gagtccggct caggactggt gaagccttca cagaccctgt      120
cctcacctg cactgtctct ggtgactcca tcagcattgg tcttactcc tgggaactgga      180
tccggcagcc accaggaag ggctggaatg gnttgggaac atctatcata gtgggagcac      240
ccactacaat ccgtccctca acagtcgagt caccatatca atagacgggt ccaagaacca      300
```

gttttccctg aaggtgaact ctgtgaccgc cgcgacacg gccgtgtatt actgtgtcag	360
agatgggttcg acgtggaaac atctaggatg atgggttttga tatctggggc caagggacaa	420
tggtcacctg ctcttcagca tccccgacca gccccaaggt ttcccgtga gcttcgacag	480
aaccccca	488

<210> 2931

<211> 572

<212> DNA

<213> homo sapiens

<400> 2931

gggcggtca gtagcaggtg ccgtccacct ccgccatgac aacagacaca ttgacatggg	60
tgggtttacc cgccaagcgg tcgatgggtct tctgtgtgaa ggccagcggc agggcctcgt	120
ggcccacat gcaggagaag gtgtccccct tcttcagtc ctgggtgcc acgcgcagta	180
tgctggtcac agcgaaggtg gtggtgccct ggctgggctc ctgccgggat gcccaagtca	240
ggtacttctc gcggggcagc tcctgtgacc cctgcagcca gcgaaccagc acatccttgg	300
ggctgaagcc gcgtgccagg cacgtcagcg tcaccagctc gttcagggcc agctcctccg	360
acggcggcgg cagcaggtgg acctcgggcc ggaatgtgtt tccggatttt gtgatgttgg	420
cggttagtgg ggtcttcaac tcgggggtggg cagcagtgcg ggtgaaggtc tccccatggt	480
tccatggctg ggcacagcag gcaggacact ggacaacgct gtagcagcca cagaggtcac	540
gctcaggtgg tcttgaacag cgtcttccc ac	572

<210> 2932

<211> 385

<212> DNA

<213> homo sapiens

<400> 2932

gcaaattgtac ttggaaaatc acagttcccc aaggaaaagt agtcgtctca atttccgatt	60
catagacctc gagagtgaca acctgtgcc ctatgacttt gtggatgtgt acaatggcca	120
tgccaatggc cagcgcattg gccgcttctg tggcactttc cggcctggag ccttgtgtc	180
cagtggcaac aagatgatgg tgcagatgat ttctgatgcc aacacagctg gcaatggctt	240
catggccatg ttctccgctg ctgaaccaa cgaaagaggg gatcagtatt gtggaggact	300

ccttgacaga ccttcgggt cttttaaaac ccccaactgg ccagaccggg attacctgca 360
ggagtcattg tgtgtggcac attgt 385

<210> 2933

<211> 381

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (219) .. (219)

<223> n=unknown

<220>

<221> misc_feature

<222> (332) .. (370)

<223> n=unknown

<400> 2933

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aatattgcac ttctaaaatc tttttttgac atcttcacac aactcaattc taaaatatcc 120
ttttacagag atgtataaat aaacgcttcc aagctgtcaa cgcttgacac ttttagcttc 180
ctatcacgcg actaagtcgg caggtttcca atcagatanc tgctcctctg acagcaggca 240
aagaacttcc ctcagctatc tcggaggcct catacctcca tcatgtgaag agtcaaccag 300
tcccattctt cggaatctc tttcagaata tntaatttta taagtatttt ttttctactg 360
agagnacatn gatctttcaa a 381

<210> 2934

<211> 480

<212> DNA

<213> homo sapiens

<400> 2934
caggcaggca ggggcagcaa gatggtgttg cagaccagg tcttcatttc tctgttgctc 60
tggatctctg gtgcctacgg ggaccttcgt gatgaccag tctccagact cctgggtgt 120
gtctctgggc gagagggcca ccatcaactg caagtccagc cagagtgttt tatacagctc 180
caacaataag aactacttag cttggtacca gcataaacca ggacagcctc ctaagctgct 240
catttactgg gcatctaccc gggaatccgg ggtccctgac cgattcagtg gcagcgggtc 300
tgggacagat ttcactctca ccatcagcag cctgcaggct gaagatgtgg cagtttatta 360
ctgtcagcaa tattatagta cctgtttcac ttttggccag gggaccaggc tggagatcaa 420
acgaactgtg gctgcaccat ctgtcttcat cttcccgcca tctgatgagc agttgaaatc 480

<210> 2935

<211> 447

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(94)

<223> n=unknown

<220>

<221> misc_feature

<222> (369)..(444)

<223> n=unknown

<400> 2935
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ataggggtag gtcccctgtg gaaaaagggt cagnggccaa aggatgggag ggggtcaggc 120
tggaactgag gagcaggtgg gggcacttct cctcttaaca ctctcccctg ttgaagctct 180
ttgtgacggg cgagctcagg cctgatggg tgacttcgca ggcgtagact ttgtgtttct 240
cgtagtctgc tttgctcagc gtcagggtgc tgctgaggct gtaggtgctg tccttgctgt 300

cctgctctgt gacactctcc tgggagttac ccgattggag ggcgttatcc acttccactg	360
tacttttgnc tctctgggga tagaagttat tcagcaggca cacaacagag gcagttccag	420
atttcaactg ctcatcagat ggcnggg	447

<210> 2936

<211> 441

<212> DNA

<213> homo sapiens

<400> 2936

cggaggtgaa ggacgtcctt ccccaggagc cgactggcca atcacaggca ggaagatgaa	60
ggttctgttg gctgcgttg tggtcacatt cctggcagga tgccaggcca aggtggagca	120
agcgggtggag acagagccgg agcccgagct gcgccacaga cccgagtggc agagcggcca	180
gcgctgggaa ctggcactgg gtcgcttttg ggattacctg cgctgggtgc agacactgtc	240
tgagcaggtg caggaggagc tgctcagctc ccaggtcacc caggaactga gggcgctgat	300
ggacgagacc atgaaggagt tgaaggccta caaatcgga ctggaggaac aactgacccc	360
ggtggcggag gagacgcggg cacggctgtc caaaggagct gcaagcggcg caagcccggc	420
tgggcgcgga catggaggac t	441

<210> 2937

<211> 440

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (339)..(412)

<223> n=unknown

<400> 2937

gcggaggtga aggacgtcct tccccaggag ccgactggcc aatcacaggc aggaagatga	60
aggttctgtg ggctgcgttg ctggtcacat tcctggcagg atgccaggcc aaggtggagc	120
aagcggtgga gacagagccg gagcccagagc tgcgccacag accgagtggc agagcggcca	180

gcgctgggaa ctggcactgg gtcgcttttg ggattacctg cgctgggtgc agacactgtc 240
tgagcaggtg caggaggagc tgctcagctc ccaggtcacc caggaactga gggcgctgat 300
ggacgagacc atgaaggagt tgaaggccta caaatcgga ctggaggaac aactgacccc 360
ggtggcggag gagacgcggg cacggctgtc caaggagctg caggcggcgc angcccggct 420
gggcgcggac atggaggact 440

<210> 2938

<211> 289

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (215)..(215)

<223> n=unknown

<400> 2938

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accctcatca tcacgtgtgt ggccctggct gtggtcctgt cctcggctct catttgatgat 120
gggcactggc tcctggctga ggaccgcctc ttcgggctct ggcacttctg caccaccacc 180
aaccagagtg tgccgatctg cttcagagac ctggnccagg cccatgtgcc cgggctggcc 240
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<210> 2939

<211> 253

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (18)..(40)

<223> n=unknown

<220>

<221> misc_feature

<222> (144)..(245)

<223> n=unknown

<400> 2939

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cccccgcca tttctggctg accaccaca agttatcggc aaacaggcag ccgtttcaag 120
gcccttgtgc caaccagcc ccancagagg ccacatgctg gaaaagtccc attttgacca 180
tattttnttg tggaatatga tgtcccngga gggggcctaa aatttccacg gtnattcaca 240
ggganggggtg atg 253
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<210> 2940

<211> 342

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (159)..(159)

<223> n=unknown

<400> 2940

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agtgcaggcg ctgctctgcc agtttgggac agttcagcat gtgtggaagg tgtccgacct 120
accccgcaa tggacccta agaaccag ctgcgacang gcttgggggtg ccaggacacg 180
ttgatgctca ttgagagcgg accccaagtg agcctgggtgc tctccaaggg ctgcacggag 240
gccaaggacc aggagccccg cgtcactgag cacggatggg gcccggcctc tccctgatct 300
cctacacttc gtgtgcgcca gaggattctg caacaaactc gt 342
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<210> 2941

<211> 203
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (129)..(176)
 <223> n=unknown

<400> 2941
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 taggtgagta gatatgaatg attgtgtgtg gggaagatga ttcattggaca gaatgggaaa 120
 gaatctggng tccaangcca ttaggntatg aggtcanagg gaggttnagt gtggngggtc 180
 agcagcgggtg aaaaatcgtg ggg 203

<210> 2942
 <211> 488
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (395)..(431)
 <223> n=unknown

<400> 2942
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 cttaatccgt ctccaccacc agatctttct ccgtggattc ctctgctaag accgctgcc 120
 tgccagtgcac ggtaaccgc accaccatca caaccaccac gacgtcatct tcgggcctgg 180
 ggtcccccat gatcgtgggg tcccctcggg ccctgacaca gccctgggt ctcttcgcc 240
 tgctgcagct ggtgtctact gcgtggcctt ctgctggtg gctagcgtgg gcgcctggac 300
 ggggtccatg ggcaactggt ccatgttcac tgggtcttct gttctccgtg acctgatcat 360

cctcatcgtg gaagctgtgc gggctccagg ccgntcccc ctgtcttggn gcaacttccc	420
catcacttgc ntgctatgcg gcctcttctg ctctcggtc atcattacc acaactatgt	480
cagtctgt	488

<210> 2943
 <211> 326
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (57)..(93)
 <223> n=unknown

<400> 2943	
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gctttggcaa tggggccct tggggggctg tggcatggac ggctgcaagg ggtgtggatg	180
tgagctcagc acctttggag gtgggtggag gcaaggagag aaagaagtct cagggtccc	240
aaggacacag gagaaggtgc ttgcaaaaca ggcagataag aaagccgaca ggaaaccag	300
aaaagagatg agaaaaaaga agagtg	326

<210> 2944
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 <212> DNA
 <213> homo sapiens

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ccagccggt acaattggag tcagagtccc aaagacatgg gcttgtaga gtgctgtgca	180
agatgtctgg taggggcccc ctttgcttcc ctggtgcca ctggattgtg tttctttggg	240
gtggcactgt tctgtggctg tggacatgaa gccctcactg gcacagaaaa gctaattgag	300

acctatttct ccaaaaacta ccaagactat gagtatctca tcaatgtgat ccatgcttcc	360
agtatgtcat ctatggaact gcctctttct tcttccttta tggggcctcc tgctggctga	420
gggcttctac accaccggcg gcagtcaggc agat	454

<210> 2945

<211> 336

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (3)..(164)

<223> n=unknown

<220>

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<222> (284)..(329)

<223> n=unknown

<400> 2945

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atagctgatg agtgggtgcat tctgttatgt gatctatatac aggagaaaat aacctttatg	120
ttaaacctaa ctcttancac accaagataa cattgctaag taanatcatt ttccattagc	180
tagaaagagc gatcagatta ctcaaattga gattcaaatt caccagatct gtttctgcaa	240
aggcagaata cttgtagaaa atcccaatag tattccacta gccnattttt aatancattn	300
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<211> 255

<212> DNA

<213> homo sapiens

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gaaattgctg gagctgggtgc ggccagtgtc ctgtctgccc tgaccaacaa agccatagtg 180
aagaaggaac tgctgtctgt ggtggctggg ggagacaact acagggtcaa taacaagcac 240
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<210> 2947

<211> 475

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (124)..(194)

<223> n=unknown

<220>

<221> misc_feature

<222> (374)..(374)

<223> n=unknown

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tggntgttgg gacaatttct tggattattg ctttttcccg cttgcttctg gccagcagga 180
tccccacaa ggcntgcggc agccagcagg cctgctgcc aacactactgt cgtgactgca 240
ccagtgcact ggtcactgcg ggagacgcc tagcgcagat ggttcacgaa gtgcttcgca 300
gttgtcactg gtcagcgaat aaggcaactc ctgccccacc aactcctctg cccgcttgac 360
gattttgttg gaangcagtg gtgtgtatct gtcacgtgct ttgttattga cctgtagtt 420
gtcttcccc aagcaaccac aagacagcag tttccttctt tcaactatggg ctttg 475

<210> 2948
 <211> 321
 <212> DNA
 <213> homo sapiens

<400> 2948
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 aagcctcggt gtcagggacc gtgggacaga aggtcaccct gtcctgttct ggaaacaaca 180
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<210> 2949
 <211> 178
 <212> DNA
 <213> homo sapiens

<220>
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 <222> (20)..(168)
 <223> n=unknown

<400> 2949
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<210> 2950
 <211> 229
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature

<222> (187)..(222)

<223> n=unknown

<400> 2950

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agaagatttg acccgcaatt tgcactgaca aacatcgctg tgctaaaaca taacttgaac    180
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<210> 2951

<211> 543

<212> DNA

<213> homo sapiens

<400> 2951

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aacttatttt ttggttttta aatttttgcg ataacaattc tgagcaaagg gcagagagta    120
tccattaact tcattgttgc ctgaattgag ggatgggagg cagtgccaaag ggtgagaaca    180
caaagaagaa agaaatatta atgtcagcta agaaatcaac atattatcag gctatattgt    240
acttggttgc ttctgtgtta ctggatatga aatatgatct gggaaatgag atgaaattgg    300
cttgaaacat gagagtgtca caattcttag ccatagggtc agtcagcccc ggatgaaaga    360
tagaaaaatt tgacatagat ctcttaaagg gaatttattg ctccatgga gatttttagat    420
cgatgttact gaggaattag gtagctgggc ggcttacccc aggcattctct tagtaggtaa    480
caccttcctt ttcaggatgg gattcacaag ggcccttggt gtctggaagc accaactgaa    540
cgc                                                                    543
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<210> 2952

<211> 361

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (355)..(357)

<223> n=unknown

<400> 2952

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ggtcaggcag gagaaccagg ctctgctgcc accgagtccc tagccccaac tcaacaaacc      180
tgaaaggaca tcatgtgagg ctctgtaaac catgcaagct tgagccagag ccccgctttt      240
gggtgggtgcc tggggcactc ccacaggtgt agcactccca aagcaagact ccagacagcg      300
gagaacctca tgccctggcac ctgaggtacc cagcagcctc ctgtctcccc tttcngnctt      360
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<210> 2953

<211> 299

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (149)..(263)

<223> n=unknown

<400> 2953

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tgcaggggat ttgggggatg tgggacctcc aattcccagc cccggcttca gctctttccc    120
aggtgtttga ctccaagctc cagctttcna gcttccaagc ttccnaggct cggggctccc      180
agcttccaag cccgcaagct ttaagggcna gcgggagggt ttctgtgggt cccaagtttg      240
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<210> 2954
 <211> 630
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (597)..(597)
 <223> n=unknown

<400> 2954
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 tggtgttgta aactgctgta ccactacctt ggccataggt gatccgcaac tctcgagcat 180
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 ccctacccca agcaccatat agataagaaa accctctcca gttgagctga accacagacg 360
 gtttgcgtgat gttcaccaca ccaccatgac cacagctccc tggagtggga ggaggggtgga 420
 cgacaggggt gttttgatct ttagaggcct cacactcttt cagcttggtc ttcagagcca 480
 cgatttctcg gcgaatggca aggacattgt ttttgtctag tgtctcaagc ttctctacca 540
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<210> 2955
 <211> 229
 <212> DNA
 <213> homo sapiens

<400> 2955
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 gcttcacaag ctatcgctat ggtgttcgtg cgcaggccgt ggcccgcctt gaccacagtg 120
 cttctggccc tgctcgtctg cctaggggag ctggtcgacg cctaccccat caaaccgag 180

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229

<210> 2956

<211> 406

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (253)..(351)

<223> n=unknown

<400> 2956

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tgcgtatgca aatgacgtgg gcgtgggttg cagatctccc aggaggcctc aggggtcctc	180
accacaggtc tgggccctcc gacctgcgga agcgaagggg aaggaattgg atctggggag	240
gcgagcctgg ganacgtcgt taagtgatgt tgccagggtg gggccaggcc gcgctctcgg	300
atgcaggatg tgtggtaacg ggcgttttac cgcgacctga cgggggcggg nctcgcgcgc	360
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<210> 2957

<211> 523

<212> DNA

<213> homo sapiens

<400> 2957

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ctcacagggt ccctctccca gcctatcttg actcagccac cttctgcac agcctccctg	120
ggagcctcgg tcacactcac gtgcagtgtg agcagcgact acaagaatct tgaagtggac	180
tggtttcagc agagaccagg gaagggcccc cgttttgtca tgcgagtggg cactggtggc	240
gttgtgggat tcagaggggc tgacatccct gatcgctttt cagtctcggg ctcaggcctg	300

aatcgggtttc tgaccatcag gaacatcgaa gaagaggatg agagtgacta ccactgtggg 360
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accgtcctaa gtcagcccaa ggctgcccc tcggtcactc tgttccccgc cctcctctga 480
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<210> 2958

<211> 604

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

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<221> misc_feature

<222> (180)..(278)

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<222> (386)..(390)

<223> n=unknown

<400> 2958

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cggtgctccc ttcatgcgtg acctggcagc tgtagcttct gttggacttc cactgctcan 180
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ccgggtagaa gtcacttatg agacacacca gtgtggcctt gttggcttga agtcctcag 360

aggagggcgg gaacagagtg accgangggg cagccttggg ctgacttagg acggtcaact	420
tggtccctcc gccgaacacc caagacacga agctgggtccc actgccaagg tccgtccac	480
agtggtagtc actctcatcc tcttcttcga tgttctgat ggtcagaaac cgattcaggc	540
ctgagccgag actgaaaagc gatcagggat gtcagcccct ctgaatccac aacgccacca	600
gtgc	604

<210> 2959

<211> 303

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (72)..(297)

<223> n=unknown

<400> 2959

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cntnctcca gctgctgctc nnnccccctgc tccatggcag tgcggggggg aagcagggnc	180
tcttgntnt nccccagcc atgcngctgc tcaatgggcc agccctgtnc acggcgctgt	240
tgcagctcgc nctgcaganc cagggccaga agaagcncgg natcctggga gantnanc	300
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<210> 2960

<211> 504

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (192)..(222)

<223> n=unknown

<220>

<221> misc_feature

<222> (362)..(413)

<223> n=unknown

<400> 2960

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gggaggggaag ctggtggccc agttggctgg gggcaaggcc cagggtcacc tcaggtcgac     120
aggtcctgct ggtgggcggg cccagagttt atcttcatgg agtgctgggt tctggcactg     180
ggctggaagg angccagctc cagggatctg gccggnngtg gncaggcaga attcaagaat     240
tcatcttcaa caagcgagtg acagcagagg ctccgggaga tgggcacaat gtccgactcc     300
cacatacaga cagcagggga ctggcagaga aagcccatct ctgcacggag gcccgggtag     360
gnnggggttg tggggccggt tcgccaagat gaaggctttc cccttctact gtncccaagg     420
tgagatcct gggtagggtg gcccaatccc taagccaaat ctgtttggtc catagtcaag     480
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<210> 2961

<211> 529

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (20)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (503)..(515)

<223> n=unknown

<400> 2961

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ttttataact catggtggag ccaatggcat ctacgaggca atctaccatg ggatccctat     180
ggtgggggatt ccattgtttg ctgatcaacc tgataacatt gtcacatga aggccagggg     240
agcagctggt agagtggact tcaacacaat gtcgagtaca gacttgctga atgcattgaa     300
gagagtaatt aatgatcctt catataaaga gaatgttatg aaattatcaa gaattcaaca     360
tgatcaacca gtgaagccct ggatcgagca gtcttctgga ttgaatttgt catgcgccac     420
aaaggagcta aacacttcgg gttgcagccc acgacctcac tggttccagt accactcttt     480
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<210> 2962

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (430)..(471)

<223> n=unknown

<400> 2962

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actaatcatt ttttcccttc tttgcttttc tagcaaactt ccagaaacaa aacagacaac     120
attttgtgac gataaatatc acagttgcca cacagaccag caggaaccca atcacatcca     180
aagagtggta ctggaaccag gtgaggtcgt gggctgcaac ccgaagtgtt tagctccttt     240
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atgttgaatt cttgataatt tcataacatt ctctttatat gaaggatcat taattactct     360
cttcaatgca ttcagcaagt ctgtactcga cattgtgttg aagtccactc taacagcttg     420
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ccat 484

<210> 2963

<211> 346

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (159)..(318)

<223> n=unknown

<400> 2963

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<210> 2964

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (183)..(183)

<223> n=unknown

<220>

<221> misc_feature

<222> (388)..(491)

<223> n=unknown

<400> 2964

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ggggagagggc tgggaggagt tgggggcctg gaggctgggg cctgggttact tggtgacgtg    120
cagagctctc tctggggggc tgcagctcat cttgggggga gctggactca gatgcccccg     180
tangtgcaaa agcaacatcc acatctcact cctcccggtg ctttttgagg tattcctgca      240
gcgctttctc cgccacgggc tccataaatt tagggttctt cctggagact tctacagggg      300
ccgtcacagt gatgggatca gagtcaaaaa gcttcacgac cacctcagtg acaccggaag     360
gaacgtccga gtcagaagtg tgggaaancc ccggtgtgac ccgcagatag tactggtctt     420
cgcttgctg aggtttgcc aaccgggaca ccagttaaac tgctcggttca gctgctccaa     480
caaaggagga ngtgttgagc atcttc                                           506
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<210> 2965

<211> 539

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (148)..(187)

<223> n=unknown

<220>

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<222> (304)..(304)

<223> n=unknown

<220>

<221> misc_feature

<222> (505)..(520)

<223> n=unknown

<400> 2965

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accttcagca aatcacttct ctcctggnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      180
nnnnnnnttt ttctgtcag gttaacttat ttgtaggttc tgcattatta gaactttcta      240
gatatactca ttccatctcc cctcattttt tttaatcagg tttccttgct tttgccattt      300
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gtcgctgatg cacatgacat gattctcatc tgggtgcaga ggtgggaggc accaagtggg      480
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<210> 2966

<211> 592

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (578)..(578)

<223> n=unknown

<400> 2966

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aggaccattg aacattcaag ttgtttatca ttttcttga ccaccaacat tgctgtaatg      180
aatagggatt taagagcaaa agtaacgaga atacttgctt aaccacttat gaaaacatat      240
cataaaagta gaacaatcaa aatgggtggat gccatagaga aagcaaggta acaaaatagg      300
aagcctaggg accaataaag tatatataca aggatttcct atatcacaaa agtaacactt      360
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caggtacatg gaaaaagaat ttcagtagca aaaggcacct cagtctcaca tccacacatt 420
caaaaataat taaaatttta catgaaaagt tggaaacaca aaatgaacta gaaaaacaat 480
atataaatta ggacaaacac tgctttgcaa tgggaggacc tttgtaaatc tgacagtaaa 540
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<210> 2967

<211> 344

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (270)..(337)

<223> n=unknown

<400> 2967
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gccagttttg agacgctgca gtgtgagggg cctgtctgca ctgaggagag cagctgccac 180
acggaggatg acttgactga tgcaagggaa gctggcttcc aggtcaaggc ctacactttc 240
agtgaaccct tccacctgat tgtgtcctan gactggctga tcctccaagg tccagccaag 300
ccagtttttg aaggggacct gatgggttctg cgctganagg cctg 344

<210> 2968

<211> 519

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (444)..(463)

<223> n=unknown

<400> 2968
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catctagctc ttcctcggag gcagcattgt taaggaggc cctgtgcaag tgctggagga 360
cgaggaacta aagtcccagc cagagcccct agtgggtcaag ggaaaacggg tggctggagg 420
cctcagatga tccagctcag cctnttatgg gaagcgctc tanatcacca cgtcgtgtac 480
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<210> 2969

<211> 370

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (245)...(245)

<223> n=unknown

<400> 2969
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ccaagagaga gcagaatgaa gccaggcccc caaggaagtg agggcccaaa ataggagtg 180
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cggantcatg ggcaagggtt gggccaaggg gctccttccc gaagtccacc aggaagttag 300
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<210> 2970

<211> 525

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (253)..(254)

<223> n=unknown

<400> 2970

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atctacttgc tgcttcacat ttagcagtaa gaagatctcc ttgcagaggg tgaagagcta 180
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gaaagctcac acctgaaga cttgaactct gctacccta ctgaaatcaa gctggagtac 360
gtgaaatgac ttttccattc tcctctggcc tcattctcta tgctttggaa tacttctacc 420
ataattttca aataggatgc attcggtttt gtgattcaaa atgtactatg tgtaagtaa 480
tattggctat tatttgactt gttgctggtt tggagttaat tgagt 525
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<210> 2971

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (464)..(464)

<223> n=unknown

<400> 2971

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caacccttgg gaaccgaata caaacccact gccagcagct catagtggaa gggaaggggg	180
cttagagaca gcaacctact tgctcaaggc cttgcttttag aaaagatcag caatactcaa	240
ataaactcca aaccagcaac aagtcaaata atagccaata ttacttaaca catagtacat	300
tttgaatcac aaaaccgaat gcatcctatt tgaaaattat ggtagaagta ttccaaagca	360
tagaagagga ggccagagga gaatggaaaa gtcatttcac gtactccagc ttgatttcag	420
taggggtagc agagttcaag tcttcagggt gtgagctttc cggncagggt gttcatataa	480
ttct	484

<210> 2972

<211> 423

<212> DNA

<213> homo sapiens

<400> 2972

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acagctacgg ccatcccagc cctggccaag gggaaaatgc cggaagactc caggggtggga	180
ggaagcgcgt cccaaggccc aggatctgcg aggcgacttg gggaaaacgc aggcaggacc	240
tgctgaagct cacaccctg gaccaccag actgcctgcc gctacaggat gccctccgca	300
tctcccagga cttctttccg gcatcagtgt ggacattgac cccactggac tgcagtcaca	360
gtggactccc aaggggcagg atccacctct gatgttcagt gaagactacc agaaaagtct	420
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<210> 2973

<211> 448

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (77)..(114)

<223> n=unknown

<220>

<221> misc_feature

<222> (251)..(414)

<223> n=unknown

<400> 2973
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ctgacttctc cacggtgctc ccttcttgca taacatggca gctgtagctt ctgcgggacc 180
tccactgctc gggcgtcagg ctcaggtagc tgctggccac gtacttggtg ttgctctggt 240
tggagggcgt ngtcactctc acgctctggg tgatnagggt accatctgcc ttccagggtca 300
ccatcaagat tcccggataa antnattcat gagacacacc agtgtggent tnttggttg 360
gggctcctca caggacggca ggaacagaat gaccggacgg ggnagtctn tggngttgac 420
actggttagt catgaaatcg gcaaaaatt 448

<210> 2974

<211> 501

<212> DNA

<213> homo sapiens

<400> 2974
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caccttctac accgggggtcc cgaaggcaga attcaagaag gagacgttcg acgtgacgct 180
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gctgctggaa caagcgctccc tgcacttctt tgtcacagct cgcacatcatg agaccaggga 300
tgttctggcc aagcaaaagt ccaccgtgct aaccatccct gagatcatca tcaagggtccg 360
tggcactcag gtagttgggt ctgacatgac tgtgacagtt gagtttacca atcctttaaa 420
aagaaaccct gcgaaatgtc tgggtacacc tggatgggtc tggagtaaca aagaccaatg 480
aagaagatgt tccgtgaaat c 501

<210> 2975
 <211> 554
 <212> DNA
 <213> homo sapiens

<400> 2975
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 tgatgtatat atagagggga ccagctcacc ctcatagggt agtgctgaag gctcaggaac 180
 agtctcaaag gcttagaaat gtggttatat agaccagagc attccattct gattttgccc 240
 ccagtatact tatcactggt cattttttgc taagaatcac agtctactga cctaaatcac 300
 accctagaca tatcagaggg aaattctgac cataaatcag ccttgcaaat acatagcagg 360
 cagccttctc tgtagtagcc ttggaacata atacaaatga tgtcagcatc ctctgtgggt 420
 gggtcagaac tagcactggc tatttgcaag gctgagtcca tattaccctt cagcacctga 480
 gtgccaagct gaggtctcaa catgggtgat gtgaaggaca agagagaatc agtggctgca 540
 gtccttctat atat 554

<210> 2976
 <211> 499
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (486)..(486)
 <223> n=unknown

<400> 2976
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 atctgtaact ctaaagatc ctttttaaat tcagtcctaa gaaagaggag tgcttgctcc 180
 ctaagagtgt ttaatggcaa ggcagccctg tctgaaggac acttctgcc taagggagag 240

tggtatttgc agactagaat tctagtgtg ctgaagatga atcaatggga aatactactc	300
ctgtaattcc tacctccctg caaccaacta caaccaagct ctctgcatct actcccaagt	360
atgggggttca agagagtaat gggtttcata tttcttatca ccacagtaag ttcctactag	420
gcaaaatgag agggcagtggt ttcctttttg gtacttatta ctgctaagta tttcccagca	480
catganacct tattttttc	499

<210> 2977

<211> 548

<212> DNA

<213>, homo sapiens

<220>

<221> misc_feature

<222> (479) .. (479)

<223> n=unknown

<400> 2977

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caaacatgat ttttcttatt tcctctaagt aatctttctt tagtaaaaca acaagtgatc	120
tttgcatag attcatactt taaaggcatt aatattgcat ttatatcagg caagcaacta	180
tacaaatatg ctgaggggct tgaaaataat catcctcatt ttaaaggaaa tagtgaaagc	240
ctgagtgtaa aggaccaact taagttgtac acattcgatg ttgggaacta acacacagcg	300
atgggtggga aggaaggatg ttcaggcaag gttcttactc ctttactcat ctgggttctgg	360
ctttgggaaa aaataagggt tcatgtgctg ggaaatactt agcagtaata agtaccaaaa	420
aggaaacact gccctctcat tttgcctagt agggacttac tgtggtgata agaatatgna	480
accattact ctcttgaacc ccatacttgg ggagtagatg ccagagagct tgggttgtaa	540
gttgggtg	548

<210> 2978

<211> 493

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (427)..(460)

<223> n=unknown

<400> 2978

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tttgttattc ttagcgtcac tgggtctggct ttcagaatta acatacaagg ttgccacacc      120
tagttctgcc cagctttatg tcttttattc cagtattcca ccaaagtttg ttttcctgca      180
ttccagttct caagtcttaa gataaagatt gtacttgaca gtttagtata tccataaaac      240
tatttgaggt ggttaagggt cttgggttca ttttccttaa tactttgctg aatattgtag      300
attgtaggca atgaaaaagt ctactaaatt aggaaaacct tgaataatta ggtatcctag      360
gtaagagccc ctaaacaatca agcaatctgt gagtctgtaa agaaataaat attttttgga      420
ttattcntat ccaattccac ccctgntgga agtggattcn ttggtccttg caactatgga      480
agctgtggaa aat                                                                493
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<210> 2979

<211> 550

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (518)..(518)

<223> n=unknown

<400> 2979

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agaggcactt gtgatgattt tcacagcttc catagttgca aagaacaaag aaatcatctt      180
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ccaacagggg tggaattaga taagaataat ccaaaaaata tttatttctt. tacagactca	240
cagattgctt gatgtttagg ggctcttacc taggatacct aattattcaa ggttttccta	300
atttagtaga ctttttcatt gcctacaatc tacaatattc agcaaagtat taaggaaaat	360
gaaccaaga accttaacca cctcaaatag ttttatgggt atactaaact gtcaagtaca	420
atctttatct taagacttga gaactggatg caggaaaaca aactttggtg gaatactgga	480
ataaaaggca taaagctggg cagaactagg tgtggcanct tgtatgttaa ttctgaaagc	540
ccagaccagt	550

<210> 2980

<211> 257

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (73)..(73)

<223> n=unknown

<400> 2980	
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ccttaccgcg canccgaaga ttcactatgg tgaaaatcgc cttcaatacc cctaccgccg	120
tgcaaaagga ggaggcgcg caagacgtgg aggcctcct gagccgcacg gtcagaatca	180
gatactgacc ggcaaagagt ccgagttgcc accccaggaa aaagaggctc ctctgggaga	240
tgtatgctta ctctctt	257

<210> 2981

<211> 445

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (317)..(329)

<223> n=unknown

<400> 2981

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caaggacact ctatctgttg cctcttactc ttgacagatc ttggtctcaa caataaattc	120
gttggggaag tgtctaattct tccagcattt atcaatggca cgtttggtga aaccagcaa	180
gaggtctctg cgacgaaggc ggaaggactt tctgttattg caaagttggt aaataaagat	240
gccaagggtta ctaacatcac gaatttcctc cacagcaact aggtcttctc gaaccacata	300
agtttgaggc agatatntgc cactcgccng ttgccaaag agctctacca gatttttttg	360
gaggcataac aatagaagta ttgaggggca tcagatagca gttccccagc aacaagtcca	420
ggtaagcagt cattccccctt ttcaa	445

<210> 2982

<211> 455

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (11)..(61)

<223> n=unknown

<220>

<221> misc_feature

<222> (165)..(321)

<223> n=unknown

<220>

<221> misc_feature

<222> (450)..(450)

<223> n=unknown

<400> 2982
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gtccctgggc atcctgggga tcctcctggg cgtggcagcc gtgtncacaa tcancgcant 180
gtcagtggtg tactcccagg agaagaacaa gaacgcccaa cagctcccc gtggcctcca 240
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aaagcgtgga atcgttancg nctccccaac acgctgaaac ccgattccta ccaagtgacg 360
ctgagaccgt acctacccc aatgacaggg gctgtacgtt tttaaagggt ccagcaaccg 420
tccgtttcac ctgcaaggag ggccactgan gtcac 455

<210> 2983

<211> 493

<212> DNA

<213> homo sapiens

<400> 2983
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tggccctgga gctgggcttc cctgagatca gccccagggc actgggagac aggtgccatg 180
ccaggcctag ggcggggttg gcatgagggg caggggctgg gaggtgctca ggcagcctgg 240
gtcatcagga actagactgg ctcacaggca gagagaacgt gggctggaga ctttgtcctt 300
gaggggagga cactggtgcc tcgggctcca ggaatggagg ccctgcacca gccgctggga 360
tggacacatg tgggcacctt gcatcggggc cgggtgactt caagggtggt ggactatttg 420
ctgttttctg tgaaccactg gagcaccacc tccttggtct ccttcaccca cttgatgttg 480
gctttcgtct tct 493

<210> 2984

<211> 454

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (386)..(445)

<223> n=unknown

<400> 2984

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tcttgctccg ggccagggcc aggactcagc cagtcccatc cggaccacac acacggggca      180
ggtgctgggg agtcttgtcc atgtgaaggc cgccaatgcc ggggtccaaa ccttcctggg      240
aattccattt gccaaagccac ctctaggtcc gctgcgattt gcaccccttg agcccccctga      300
atcttgaggt ggtgtgaggg atggaaccac ccatccggcc atgtgtctac aggacctcac      360
cgcagtggag tcagagtttc ttagcnagtt caaacatgac cttcccttcc gnactccatg      420
nctgangnat gcttgtaact tcagnatcta cacg                                     454
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<210> 2985

<211> 419

<212> DNA

<213> homo sapiens

<400> 2985

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cctcctcccc ggcacaggga gctacagctc tgtgtgtctc tcttcaggct cctcgagctc      180
ctggatcttt tggggcagcg ccttcttcca gaactggagc ctgtgggcct tcagagcccg      240
gccacccgca gctgtagggt cagctgcagg tattgctcct cctggtcgaa cagcggccag      300
tgtggcagac cctcgccatt ggggttccca tttctcgcaa agttggccca gtacttcac      360
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<210> 2986

<211> 481

<212> DNA

<213> homo sapiens

<400> 2986

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cctgaagcta caggtgctcc ctccctggaat ctccaatgga tttcagtcgc agaagcttcc      60
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tcgggacgac acccagcggt tatgggggtg ctggaggccg gggcatccgc atctccaact      180
ccagacacac ggtgaactat gggagcgatc tcacaggcgg cggggacctg tttgttgga      240
atgagaaaat ggccatgcag aacctaaatg accgtctagc gagctaccta gaaaagggtgc      300
ggaccctgga gcagtccaac tccaaaactg aagtgcaa atcaagcagtg tacgaaacca      360
acgccccgag ggctggtcgc gactacagtg catattacag acaaattgaa gagctgcgaa      420
tcagattaag gatgctcaac tgcaaaatgc tcggtgtgtc ctgcaaattg taatgctaaa      480
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<210> 2987

<211> 412

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (10)..(410)

<223> n=unknown

<400> 2987

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gacaaaagca tgatgnntag acancacnnn ccagtgttag tctacnatta acttgtggta      180
catgtctgaa ttaagtattg nacaacaact ttaatttttc acaatgtcgc agaacncaaa      240
ataatatattt aaaaaaatta cttcaaactc gcatttcaac agtctccaat tttttttctg      300
tnnnttgagg aattcggaca acatggagtc gctttctttc nctaagtatt ccagangtag      360
gcatgnnttg cataagtaaa cnagcnttga aattttttaa tcnccaagan at              412
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<210> 2988
 <211> 514
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (156)..(156)
 <223> n=unknown

<400> 2988
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 ttctgggtgg ccaaaccagt taccaatctg ctgganaccc aaaagaagat gaactctatg 180
 aagcagccat aatagaaact aactgcattt, accgtctcat ggatgacaaa cttgttcctg 240
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 tgtttgattt tggtagttaa gtttacgtat ggcattggaa agaagtcaca ttagcacaac 360
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 tgacatcaat cccctggatc ctggagaatg caatccgctt atccccagaa aaggacaggg 480
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<210> 2989
 <211> 296
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (113)..(113)
 <223> n=unknown

<220>

<221> misc_feature

<222> (288) .. (288)

<223> n=unknown

<400> 2989

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ctccaaggac agcagcacca ccttggtggag tacatggaac gccgactagc tgcttttagag	180
gaacggctgg cccagtgcc ggaccagagt agtcggcatg ctgctgagct gcgggacttc	240
aagaacaaga tgctgccact gctggaggtg gcagagaagg agcgggangc actcag	296

<210> 2990

<211> 575

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (538) .. (572)

<223> n=unknown

<400> 2990

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cctgtccct gggcctgcc gcatacaagg ttagagccct gggctctggg catccttagc	180
ctgaaatttg ttgacatggg gcaggagagc aggagggaac attgaggggt ttgactcttc	240
gggctctaaa aggattactc aggatctgga gttccgtatg aaacaaagga gctgaaagaa	300
tttgattgcc attggctaaa aatatagagg atttgagcca caactggccc acatttgaag	360
aatgaggaac aagaaattta gtggggatat aatataaatg tatgggagtg agaaagatgc	420
aaaaaacaag gctagctcct caaacctcct cctctttctt cctcatctcc agcttataga	480
caatctggta gccatcatcc caggcataga gctggcggtc tcgggggtta tagcggangc	540

tggcatggga ccatatctgc ggggaaaata angga

575

<210> 2991

<211> 400

<212> DNA

<213> homo sapiens

<400> 2991

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gacacaacta cttctccccc cagatagttc ttccctggac acatctattc attcccttag	180
attctggggt caattgcttc tcctctcaaa cactctcaat tactcctctg aatctagctg	240
cttctgccag ggcccactga tggccacccc agtctctatc tctaccacc tacttctatt	300
ttaagcccag ttaaccccct tcaactagctt ctctcccagc tatcttcccc tggatcagat	360
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<210> 2992

<211> 509

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (14)..(127)

<223> n=unknown

<220>

<221> misc_feature

<222> (348)..(502)

<223> n=unknown

<400> 2992

tgcgtgtgta tgtngggggg aggggtgtgc aacagacagg gcagcgggtg gcggacgcac	60
---	----

aggcangaga cggtgcccgg ngagtggggg cggcagcttg ccactggctg gccatgcggg	120
cgggcangct agacattctt gccgcgcagg cgcagttcgt ggcgtcgcag gtggtttag	180
agcgactgca cataggtgaa gacacacttg gggtcaggct tcttgcccat gatcatcatg	240
tcgtccacct ccaccagggg cacacagtcc accagcatcc gtggggcccc gagcaggggt	300
taggactttt tggtttttac cagccccttc tggaccagac agcggtanaa ttcttgatg	360
tacgtgtaca cgcacttcca gtcaggctct cgaagccgca ccatgtcttc tgtatccagg	420
agctgcgggc agtccgcag ggtctcngc agatganaag gccncctcga agttctctggc	480
gtcggttctg anggctaagc tncccatag	509

<210> 2993

<211> 381

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (226)..(372)

<223> n=unknown

<400> 2993

ttgatgtacc acattcaaca gctgggcaag ttttaaggagc cccatgcagc gttctacgcg	60
gcagaaatcg ctatcggcct cttcttcctt cacaatcagg gcatcatcta cagggacctg	120
aagctggaca atgtgatgct ggatgctgag ggacacatca agatcactga ctttggcattg	180
tgtaaggaga acgtcttccc cgggacgaca acccgcacct tctgcnggac cccggactac	240
atagccccgg agatcattgc ctaccagccc tatgggaagt ctgtcgattg gtggtccttt	300
ggagttctgc tgtatganat gttggcagga cagcctccct tcgatgggga ggacgaggag	360
gagctgtttc angccatcat g	381

<210> 2994

<211> 440

<212> DNA

<213> homo sapiens

<400> 2994

gagaggctaa gggaagagga ggggaggagg agagtcccag agagtggcag gcactggggg 60
gagttggggt ggggccgagc cagacaggag ccatgcacgg caggcgggct gcggggagaa 120
gtgatggctt cgggatgggg aagtctagaa caaaagctga ttgggagcct ctggggaaag 180
aatcctccat atatcccaga aatccccaga gcacagcagc gggacgtact ggaggagggg 240
ggcacgcctc ccatcatctt agaactagag tggaggcggg gagcctcgga ggccgagggc 300
tggttctggaa cctgagtctg gaacagccaa ccccgtagag ctatttcccc aggggcgggg 360
tctgggggga ggcacagaac taccaagatg gagtctcgaa ccccatggag ttggggatgg 420
ttagtggtgt ggtctctgga 440

<210> 2995

<211> 256

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (2) .. (128)

<223> n=unknown

<400> 2995

anggggagga agagaaggcg ttggtcttgc agtcttgtct taggggtgtg gggagtgggg 60
gannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnag gatatagcta tttttcttcc tctatcaacc aaatggtaag catctatttt 180
gtagtccact ctactgagct aaattataga tccagctatg ctatttataa ttattttctt 240
gatgaataaa ttttcc 256

<210> 2996

<211> 398

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (356)..(356)

<223> n=unknown

<400> 2996

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ggctcatcct gcctgtgggt ttgattgcta ccactcttgc aattgctcct gtccgctttg      60
acagggagaa ggtgttccgc gtgaagcccc aggatgaaaa acaagcagac atcataaagg      120
acttgcccaa aaccaatgag cttgacttct ggtatccagg tgccaccac cacgtagctg      180
ctaatatgat ggtggatttc cgagtttagt agaaggaatc ccaagccatc cagtctgcct      240
tggatcaaaa taaaatgcac tatgaaatct tgattcatga tctacaagaa gagattgaga      300
aacagtttga tgtaaagaa gatatcccag gccaggcaca gctacggcaa aatacnaata      360
attgggaaaa agattgtggc ttggactgaa aagatgat                                398
```

<210> 2997

<211> 590

<212> DNA

<213> homo sapiens

<400> 2997

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acatggtgaa aatctgtgag aaactgaggg ttttcatttg ttttctgtgc cccactgtat      60
atcacctttc aaaataatgc tttctgctgg gtccaaactt cacttggagc aaagaaaggt      120
agttaaaagg ttccacttaa agctacttcg ttatggtgct actgaaagta agtaaaagca      180
aacagcagta acatgggact taaatgagca agagaaggat tcaggtgaaa tagaagctgc      240
atttggggat aactgaagat tgactttctg atgaaaggca caaaaaagga ttaattggct      300
tattccaaac agagggcagt tctttaggaa gtatgcttga ggatatactt ggcaataaat      360
ttgacagcta gcatggtctc tctgcacgtt ggctttatcc gggattctgg aaggagaaaa      420
ccaaatttgc ctttatctcg gagctcaaag gcaaattgtg gtttgatgcc caggtcataa      480
gccagctcta aagaagaacc tgatatcggg taaattgttg attctattgg gccatagatg      540
tagcgggggt catatcgagt tgatagaaca tcagtgccaa tctttgcaac                    590
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<210> 2998

<211> 507

<212> DNA

<213> homo sapiens

<400> 2998

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gcagcatctt cgaccgagag gaccaggcca gccacgggc cggcagcctg gcggcgctcg      60
agaaacggca ggccgagaag aagaaagagc tgatgaaggc gcagagtctg cccaagacct      120
cagcctccca ggcgcgcaag gccatgattg agaagctgga gaaggagggc gcggccggca      180
cgtcgacatc cagaacttct cctccagctg gagtgatggg atggccttct gtgccctggg      240
gcacaacttc ttccctgagg ccttcgacta tgggcagctt agccctcaga accgacgcca      300
gaacttcgag gtggccttct catctgcgga gacccatgcg gactgccgcg agctcctgga      360
tacagaggac atgggtgcggc ttcgagagcc tgactggaag tgcgtgtaca cgtacatcca      420
ggaattctac cgctgtctgg tccagaaggg gctggtaaaa accaaaaagt ctaaccctg      480
ctcggggccc cacggattgc tgggtgga      507
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<210> 2999

<211> 513

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (75)..(233)

<223> n=unknown

<220>

<221> misc_feature

<222> (335)..(486)

<223> n=unknown

<400> 2999
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 gagtggggggc ggcanccttgc cactggctgg ccatgcgggc gggcaggcta gacattcttg 120
 ccgcgcaggc gcagttcgtg gcgtcgcang tggttntaga gcgactnnac ataggtgaag 180
 acacacttgn ggtcaggctt cttgcccacn atcatcatgt ngctccanctc nancaggggc 240
 acacagtcca ccagcatccg tggggccccc agcagggggt aggacttttt ggtttttacc 300
 agcccccttct ggaccagaca gcgggtaaga attcntggat gtnacgtgta cangganttc 360
 cagtcaagnt ctggaagccg naccatgtcc tctgtatcca ggagctgcgg gcagtcgcga 420
 tgggtctccg cagatgagaa ggcnnccctg aagttctggc gtcggttctg agggntaagn 480
 tggccnatag tcgaaggcct cagggaagaa gtt 513

<210> 3000

<211> 466

<212> DNA

<213> homo sapiens

<400> 3000
 caagaaagca ttttctcgcc agaacatcga gaaaaagatg aacaagctgg ggacaaagat 60
 cgtatctgta gagaggagag agaagattaa gaaatctctc acgtcaaadc accagaaaat 120
 atcctcagga aaaagctccc ccttcaaggt ttctcccctc actttcgggc ggaagaaagt 180
 ccgagagggg gaaagccatg cagaaaatga gaccaagtca gaagacctgc ctagcagtga 240
 gcagatgcca aatgaccagg aagaggagtc ctttgcagag ggtcatctcg aagcgtccct 300
 cgccagcgct ctggtggaag gggaaattgc agaggaggct gctgagaagg cgacctccag 360
 ggggagtaac tcggggatgg acagcaacat cgacttgact attgtggaag atgaagagga 420
 ggagtcagtg gccctggaac aggcacagaa ggtacgctat gaggggt 466

<210> 3001

<211> 515

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (422)..(422)

<223> n=unknown

<400> 3001

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catgttattc caggatatac gaacttcttt agtattttta tttaaagagt gaaatagtta      120
agctactatt gtaagtattt tactttcaag cacatacatt ttttctctgt tttcattctt      180
ttcggcattc tttgttttct gtttctctca ttttccaaat tttctttctt actttttgaa      240
tagtcctgac tttactacgt atcttacttc attagctgac ttttataatc tcttcatttt      300
tccttcggtt gcaataaaac aatgggtttct agcaagtaaa caaccaactg atcatctctt      360
tttacctttc gtagatgttt tctcttaaaa catatagtat atgttttagct acatatttat      420
gnatatatat atccacactt aaagaataat aattaggatt cacagagtac ggtgggaata      480
ccatatatta ccgggacact attcagcaag cttat                                     515
```

<210> 3002

<211> 406

<212> DNA

<213> homo sapiens

<400> 3002

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caagatgggc ttgaaaggcc ctttgaagac cccaatagca gccggtcacc catctatgaa      60
tttactgctg cgcaaaacat ttgaccttta cgcgaaatgtc cgaccatgtg tctctatcga      120
aggctataaa accccttaca ccgatgtaaa tattgtgacc attcgagaga acacagaagg      180
agaatacagt ggaattgagc atgtgattgt tgatggagtc gtgcagagta tcaagctcat      240
caccgagggg gcgagcaagc gcattgctga gtttgacctt gagtatgccc ggaacaacca      300
ccggagcaac gtcacggcgg tgcacaaagc caacatcatg cggatgtcag atgggctttt      360
tctacaaaaa tgcaggggaag ttgccagaaa gtgtaaagat attaaa                       406
```

<210> 3003

<211> 399

<212> DNA

<213> homo sapiens

<400> 3003

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gcaagcactg cctgtaaagc cctcgcatga gaggccagcc tgctagggaa atccaggaat      60
ctgcaacaaa aacgatgaca gtctgaaata ctctctggtg ccaacctcca aattctcgtc      120
tgtcacttca gacccccact agttgacaga gcagcagaat ttcaactcca gtagacttga      180
atatgcctct gggcaaagaa gcagagctaa cgaggaaagg gatttaaaga gtttttcttg      240
ggtgtttgtc aaacttttat tccctgtctg tgtgcagagg ggattcaact tcaatttttc      300
tgcagtggct ctgggtccag ccccttactt aaaggtaagt tgtaataaat ttacggcatt      360
atcctaattg cattgttaag ctgatttgcg tgatctgat      399
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<210> 3004

<211> 544

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (535)..(535)

<223> n=unknown

<400> 3004

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taagcacaa ctaacattatt gctttatttt agaaaagaga gccagaaatg gtagtacatt      60
ataatatgag ttaccataat ctcttttagct ctttaattct cttctcccat ttttgctttt      120
gtaaataaga cattatcaag aattagagaa attttaggtc tatgtgtgag catcttaaca      180
aatgatagta ggaggcaaaa aataattagt tataaagctg taaaagggaa ccaagaaagg      240
gaaaataatc gcaataactt aaaaataatc aaacaagaat atagtataaa aggagaaatt      300
ttcctacctt ttggaaaagc aaaaagttcc gtttctacat tgctgttagg ctcaggagat      360
tgaataactt tagataattt aaacatggaa aacatacaaa ttatttgatt tgaaattttt      420
tttaaaaact accttcttta tagtttattt catatatgta ataaagtact tctacaaaac      480
acatttcagg attcaggctt cactaagatc tggatgctac tgaggcgta acagntccac      540
attt      544
```

<210> 3005
 <211> 474
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (381)..(381)
 <223> n=unknown

<400> 3005
 cgcccgagct tctgcagctc ctgccaccag acagtcctac cagcgtgtg gacatcttct 60
 ctgcaggctg cgtgttctac tacgtgcttt ctggtggcag ccaccccttt ggagacagtc 120
 tttatcgcca ggcaaacatc ctcacagggg ctccctgtct ggctcacctg gaggaagagg 180
 tccacgacaa ggtggttgcc cgggacctgg ttggagccat gttgagccca ctgccgcagc 240
 cagccccctc tgccccccag gtgctggccc accccttctt ttggagcaga gccaagcaac 300
 tccagttctt ccaggacgtc agtgactggc tggagaagga gtccgagcag gagccccctgg 360
 tgagggcact ggaggcggga ngctgcgcag tggtcggga caactggcac gagcacatct 420
 ccatgccgct gcagacagat ctgagaaagt tccggtccta taaaggggac atca 474

<210> 3006
 <211> 123
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (80)..(80)
 <223> n=unknown

<400> 3006
 tgattctgag gccagccaca ggctcagctc ttcagtgagc cagcacggag accatctgtg 60

tggcatccag cccacctcan ctccctgtgg ccccagggca tggcctcctg gctctgagtc 120
 tgg 123

<210> 3007

<211> 219

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (21)..(21)

<223> n=unknown

<220>

<221> misc_feature

<222> (193)..(215)

<223> n=unknown

<400> 3007

agctcacagc cccaaatata natctttctc tggaccaaag tgaaggatct attctctctg 60

atgataactt ggacagtcca gatgaaattg acatcaatgt ggatgaactt gatacccccg 120

atgaagcaga ttcttttgag tacactggcc atgaagatcc cacagccaac aaagattctg 180

gccaagagtc agnntntatn ccagaanata cggngaag 219

<210> 3008

<211> 570

<212> DNA

<213> homo sapiens

<400> 3008

acatttgaat aattttcatg tgtcatgaaa tattcaaaaa aaatttttcc aacccaaaat 60

gtaaaaacca ttcttagctt gcagtgggtga gcgagactta gctgtgggtt gccacccccac 120

ctcactagag gcctacagac ttgaaatctt gttggcattt taaagggcat atgaagacta	180
taaaggaaat attttgtaca tgaaagtaat actcatattt aattttaagc ctatgatcag	240
attacggtgt tttaaagcag atcacttttt ataatgcatg cgagagagga attcatgaat	300
aactgaatgc taccaaataga tttttgagta ggccaccttg cacttgagtt cttggcactt	360
aaaaggtaac ctctggagct gagtttatgg cctgaaactc agagagctac caaacatgca	420
acacggattc ttaaatttca caatgtggtg gtcaccaaca ttcatacagga aaatgatggt	480
aaaagaccaa ttacataaa atataatgcc caatttgaca actaaaataa agttgacgtg	540
gattagaaag cccggcttcc ctttgagaag	570

<210> 3009

<211> 254

<212> DNA

<213> homo sapiens

<400> 3009

gacctgagtg gatggacact gcctcttaga actagaactt agaactttat cttgaaaatg	60
taccactggt gcagaagctc ctcacagagt atgtgtcagg catttttaac ctgctaaagg	120
caagaagaag tgtttaccac atagtgtcaa aggtcttcaa cttgccacag ccaacagaaa	180
aatcaaaatg attgaaccct ttgggaatca gtatattgtg gccaggccag tgtattctac	240
aaatgctttt gagg	254

<210> 3010

<211> 463

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (451)..(451)

<223> n=unknown

<400> 3010

agagatgaca ctgactgggc ccatcaggac agtgctcagg ctggagaagt ggatcacacc	60
---	----

ttgttgggac aatgcacagg tgccggctac ttcatgcagt tcagcaccag ctcggggtcc	120
gcggaagagg cagccctact ggagtctcgg attctttacc caaagaggaa gcagcagtgc	180
ctgcaatddd tctataaaaat gacgggaagt ccttcagaca gactcgttgt ctgggtcagg	240
agggatgaca gcacaggcaa tggtcgcaag ttggtgaagg tgcagacttt tcaaggagat	300
gatgaccaca attggaaaat tgcccatgtg gtgctcaaag aggaacagaa gtttcgctac	360
cttttccagg gcacaaaagg cgaccctcag aactcaactg ggggaattta cctagatgac	420
atcactctga cagaaacccc ctgccccaca ngggtctgga cag	463

<210> 3011

<211> 353

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (124) .. (323)

<223> n=unknown

<400> 3011

acaagtgatt tacaatgaag tgtgatgagt gttgtcacag gacacactag atacattagg	60
agcacatagc aaagtaacat aattatgtgg ggcagagaga tgacaagggt cacacatggg	120
gctngangcc ntagtccttn gangtcctat ncnagcnaa ggntnttaaa aaanttnccc	180
caaattgnnt tnancatggg aaanttaagg cntnnntgga ggaggtnctg ctgtgggtctg	240
gccaatgcc a gnagnaggt nacttccttg gcctttggga aaggatggcg atgatggaga	300
aggtcaagaa gatcacgcc gcnatgcctc cgatcaccat gccaggaca ctg	353

<210> 3012

<211> 22

<212> DNA

<213> homo sapiens

<400> 3012

cggagacagg ctatgagtct ga

22

<210> 3013

<211> 22

<212> DNA

<213> homo sapiens

<400> 3013

gccagcaacc tacatgaact tg

22

<210> 3014

<211> 22

<212> DNA

<213> homo sapiens

<400> 3014

cgacatgctg ggagattaca tc

22

<210> 3015

<211> 19

<212> DNA

<213> homo sapiens

<400> 3015

tgagtctggg cagctgtcc

19

<210> 3016

<211> 21

<212> DNA

<213> homo sapiens

<400> 3016

catcaggttg gagtgcgtct t

21

<210> 3017

<211> 20

<212> DNA

<213> homo sapiens

<400> 3017

ggatcagccc tgaactcact

20

<210> 3018

<211> 21

<212> DNA

<213> homo sapiens

<400> 3018

agacaaggat gccgtggata a

21

<210> 3019

<211> 27

<212> DNA

<213> homo sapiens

<400> 3019

tcaatataga tgattgtgcc atcttct

27

<210> 3020

<211> 23

<212> DNA

<213> homo sapiens

<400> 3020

tgcaaagtct ttgactcctt gct

23

<210> 3021

<211> 26

<212> DNA

<213> homo sapiens

<400> 3021

gtccaaagag ttacttgcaa cagtct

26

<210> 3022

<211> 20

<212> DNA

<213> homo sapiens

<400> 3022

ggcatggttt aggccctggt

20

<210> 3023

<211> 22

<212> DNA

<213> homo sapiens

<400> 3023

ccaagatgca gaggttgatg aa

22

<210> 3024

<211> 24

<212> DNA

<213> homo sapiens

<400> 3024

ccgtttatgg gtagacatct ttgg

24

<210> 3025

<211> 19

<212> DNA

<213> homo sapiens

<400> 3025

gccatgccag cctttctgt

19

<210> 3026

<211> 22

<212> DNA

<213> homo sapiens

<400> 3026

agctagaagg gctggagaat gc

22

<210> 3027

<211> 25

<212> DNA

<213> homo sapiens

<400> 3027

ggtacaaatt atttggtcg acttc

25

<210> 3028

<211> 21

<212> DNA

<213> homo sapiens

<400> 3028

tgatgcaatc acacgggaac t

21

<210> 3029

<211> 25

<212> DNA

<213> homo sapiens

<400> 3029

catggcatgg ttagaagctc tatct

25

<210> 3030

<211> 23

<212> DNA

<213> homo sapiens

<400> 3030

cgttctctcc attgcttggt agc

23

<210> 3031

<211> 21

<212> DNA

<213> homo sapiens

<400> 3031

tcaaggagc caagagctct t

21

<210> 3032

<211> 20

<212> DNA

<213> homo sapiens

<400> 3032

gacagcaagg tgccctcagt

20

<210> 3033

<211> 22

<212> DNA

<213> homo sapiens

<400> 3033

tgtctgcgaa gaaggctagg ag

22

<210> 3034

<211> 20

<212> DNA

<213> homo sapiens

<400> 3034

tcaagatccg tgctcgagt

20

<210> 3035

<211> 22

<212> DNA

<213> homo sapiens

<400> 3035

gttcagcgta catccggaga ct

22

<210> 3036

<211> 19

<212> DNA

<213> homo sapiens

<400> 3036

ttgtcatccg tcttctgac

19

<210> 3037

<211> 20

<212> DNA

<213> homo sapiens

<400> 3037

cgtaagcagt atggctccaa

20

<210> 3038

<211> 22

<212> DNA

<213> homo sapiens

<400> 3038

acccaaactc cacaaagcca tt

22

<210> 3039

<211> 22

<212> DNA

<213> homo sapiens

<400> 3039

cccttcacag taagtccaac ga

22

<210> 3040

<211> 22

<212> DNA

<213> homo sapiens

<400> 3040

gacagtcaca gcagccttga ca

22

<210> 3041

<211> 21

<212> DNA

<213> homo sapiens

<400> 3041

tgcagatcct gaggatgcta c

21

<210> 3042

<211> 22

<212> DNA

<213> homo sapiens

<400> 3042

gtggaggaca gaaagccaag tg

22

<210> 3043

<211> 21

<212> DNA

<213> homo sapiens

<400> 3043

tggtctcgg tttctctgct t

21

<210> 3044

<211> 20

<212> DNA

<213> homo sapiens

<400> 3044

tggttgatc aagggcctta

20

<210> 3045

<211> 22

<212> DNA

<213> homo sapiens

<400> 3045

agaagagctg ccaggaagtg tt

22

<210> 3046

<211> 21

<212> DNA

<213> homo sapiens

<400> 3046

tggaacacag caaacacct t

21

<210> 3047

<211> 21

<212> DNA

<213> homo sapiens

<400> 3047

ttctgaggca ttaagccagc a

21

<210> 3048

<211> 21

<212> DNA

<213> homo sapiens

<400> 3048

tgaagtcaaa ctgccacatt c

21

<210> 3049

<211> 20

<212> DNA

<213> homo sapiens

<400> 3049

tgagaactgc ggctgttctg

20

<210> 3050

<211> 23

<212> DNA

<213> homo sapiens

<400> 3050

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23

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Ser Phe Pro Asp Leu Ser Asn
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Ser Asn Ser Asp Leu Ser Asn
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Thr Thr Ala Val

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Leu Lys

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Glu Ile Lys Asn Ser Phe Lys Asn Asn Tyr Glu Lys Ala Leu Lys Gln
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Tyr Asn

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Pro Lys

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Glu Met Leu Lys Glu Glu His Glu Val Ala Val Leu Gly Gly Pro
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20           25           30
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35

40

45

Val Gln Ser Lys Leu Phe Pro Phe Tyr Phe His Ile Ser Met Gly Cys
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Ala Phe Ile Asn Leu Cys Ile Leu Ala Ser Gln His Ala Trp Ala Gln
 65 70 75 80

Leu Thr Phe Trp Glu Ala Ser Gln Leu Tyr Leu Leu Phe Leu Ser Leu
 85 90 95

Thr Leu Ala Thr Val Asn Ala Arg Trp Leu Glu Pro Arg Thr Thr Ala
 100 105 110

Ala Met Trp Ala Leu Gln Thr Val Glu Lys Glu Arg Gly Leu Gly Gly
 115 120 125

Glu Val Pro Gly Ser His Gln Gly Pro Asp Pro Tyr Arg Gln Leu Arg
 130 135 140

Glu Lys Asp Pro Lys Tyr Ser Ala Leu Arg Gln Asn Phe Phe Arg Tyr
 145 150 155 160

His Gly Leu Ser Ser Leu Cys Asn Leu Gly Cys Val Leu Ser Asn Gly
 165 170 175

Leu Cys Leu Ala Gly Leu Ala Leu Glu Ile Arg Ser Leu
 180 185